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**FARM-OPERATOR
FAMILY**
Level-of-Living Indexes
**for
COUNTIES OF
THE UNITED STATES**
1930, 1940, 1945, AND 1950

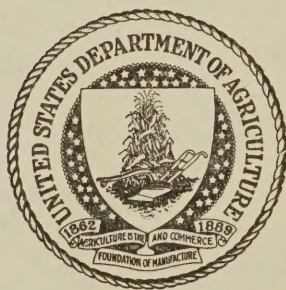


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FARM-OPERATOR FAMILY LEVEL-OF-LIVING INDEXES FOR COUNTIES OF THE UNITED STATES 1930, 1940, 1945, and 1950

By Margaret Jarman Hagood

In 1950, the average level of living of farm-operator families in the United States was 22 percent above the level in 1945, according to county indexes compiled by the Bureau of Agricultural Economics. With 1945 used as a base of 100, the average county in the United States had an index of 75 in 1930, of 79 in 1940, and of 122 in 1950. Between 1940 and 1950, the increase in this measure of level of living of farm-operator families was 54 percent. The gain was at a slightly more rapid rate in the first half of the decade, but the rise since the end of World War II was also substantial.

This continuing increase in the average level of living of farm-operator families in the United States is part of an increase in the level of living of American families generally. A similar measure of level of living for nonfarm families is not available, but substantial increases have been taking place, as indicated by the fact that for the country as a whole the purchasing power of per capita disposable income (income after taxes) rose a third from 1940 to 1950, and more than 50 percent from 1930 to 1950.

Meanwhile, it should be clearly understood that these farm level-of-living indexes only measure relative changes as between different counties or sections of the country and different periods of time. They do not purport to measure relative standards of living as between farm and nonfarm families. For example, one of the important items in calculating these indexes is the proportion of farms having electricity. The almost universal use of electricity by urban families has been common for many years but only a third of the farm families had electricity in 1940 and, even with the phenomenal growth in the last decade, a fifth of the farms in the country still did not have electricity in 1950. Such information as is available clearly indicates that the average per capita dollar income, or purchasing power, of farm families was still substantially less than that of the average nonfarm family in 1950 despite the increases in the level of living of farm-operator families. These increases are now measured by the indexes for the last two decades 1930 through 1950.

How These Indexes Are Made

The indexes published in this bulletin for counties of the United States are comparable with those published earlier for the years 1940 and 1945.^{1/} County data from the last Census of Agriculture have been

^{1/} Farm-Operator Family Level-of-Living Indexes for Counties of the United States, 1940 and 1945. Bur. Agr. Econ., Washington, D. C., May 1947. For explanation of slight revision in indexes that are averages for groups of counties, see the Appendix.

used to construct indexes for 1950, and similar data were used from an earlier census to compute indexes for 1930 that have not previously been published.

Indexes presented in this bulletin are based on four items that were available for farm-operator families for each county in the United States for 4 years in the 20 years covered. They do not cover all the goods, services, and other satisfactions that make up the level of living of families. However, many studies have shown that the various items are closely associated. For example, farmhouses with electricity are more likely to have other household facilities and conveniences than those without electricity. Farms with high gross incomes are obviously likely to have more income available for family living expenditures than farms with low gross incomes. And farm families with automobiles are more likely to be able to take advantage of various services located away from the farm, such as health facilities, libraries, and recreation, than those who do not own automobiles.

The items on which these farm-operator family level-of-living indexes are based are the following: (1) Percentage of farms with electricity; (2) percentage of farms with telephones; (3) percentage of farms with automobiles; and (4) average value of products sold or traded in the year preceding the census (adjusted for changes in purchasing power of the farmer's dollar). Data on these items from the Censuses of Agriculture were combined into indexes by methods explained in the Appendix of this report. County indexes were first compiled to show geographic variations of counties at one date. Later, with some modification to the formula, indexes were compiled to be used not only for this purpose, but also for showing changes over time, although they may not serve the latter purpose as adequately as the former. Because some of the data were obtained on a sample basis only in 1950, separate indexes would not be very reliable for counties with small numbers of farms. Counties with fewer than 800 farms in 1950 were generally combined with an adjacent county and then an index was computed for the combination.

Recent Changes in Farm-Operator Level of Living

From 1945 to 1950, every State and almost all the counties had gains in the average level of living of farm families. The two maps for these years show generally similar patterns of variation of counties with respect to farm living. Texas had more of its area included in the top fifth in 1950 than in 1940, generally in the western half of the State. The Pacific States, although they ranked high, had fewer of their counties in the top fifth in 1950. Western Nebraska had more of its counties in the top group, whereas northern Indiana had somewhat fewer. On the whole, the pattern of geographic differences in how well farmers live was not substantially altered in the 5 years following the end of World War II.

Factors Associated with Rise in Farm-Family Living 1940 - 1950

In the last decade, there have been marked changes in American agriculture and some of these affected the level of living of farm

families. The number of farms decreased by about 10 percent in the decade. The level of living of the remaining farm operators in the counties with substantial decreases in number of farms would be expected to rise for two reasons: (1) to the extent that the remaining farmers took over the land of those who left and were not replaced, the agricultural resources would be shared by a smaller number of operators and one could expect that the average share of net returns from farming in the county would increase and that this increase would bring with it an increase in level of living; (2) to the extent that the unreplaced farm-operator families come disproportionately from the "below-average" in income and level of living, the net reduction in such families would tend to raise the average county level of living of farm operators, even though they did not take over the agricultural resources of the others.

To explore the relationship between the change in number of farms and in farm-operator levels of living, all counties of the United States were cross-classified according to the percentage change in number of farms and in farm-operator levels of living. A relationship in the direction expected showed up, but only to a very limited degree. Among the 40 percent of counties with the greatest rate of decrease in number of farms, 47 percent were in the upper 40 percent scaled according to rate of increase in level of living. And among the 40 percent with the smallest decrease or some increase in numbers of farms, 37 percent of the counties were in the upper 40 percent according to increase in level of living. This suggests that only a small fraction of the geographic differences in rate of increase in level of living between 1940 and 1950 was accounted for by differing rates of change in number of farms. Or, in other terms, the differences in rates of gain in levels of living of farm families are only slightly affected by differences in the rate of change in the number of farm-operator families in different areas of the United States.

As a very crude index of change in technology and investment in machinery, the percentage change in number of tractors was used. Cross-tabulations were made of the rate of change in number of tractors with the rate of change in farm-operator level of living. The results were in striking contrast to those just described. Among the 40 percent of the counties with highest rates of increase in number of tractors (179 percent and over), 72 percent were in the upper 40 percent according to increase in farm-operator level of living. And among the 40 percent with the smallest increase or a slight decrease in number of tractors, only 17 percent were in the upper 40 percent with respect to gain in level of living. Approximate as these measures may be, their relationship supports fully the conclusion that the rise in level of living among farm people was generally most rapid in those parts of the United States in which mechanization was most rapid from 1940 to 1950.

Nature of Long-Time Trends in Level of Living of Farm-Operator Families

The indexes for the period 1930-50 clearly point to an upward trend in farm-operator level of living in all parts of the country (table 1). Even during the 1930-40 decade of depression, only the West North Central of the nine major geographic divisions had a decrease.

The droughts and dust storms experienced by this area in the mid-1930's were of such severity that it is surprising that the decline in this index from 107 to 100 was not even greater.

For the three periods 1930-40, 1940-45, and 1945-50, there was an increase in the index arising from each item used in the index, with one exception. Between 1930 and 1940, the percentage of farms with telephones dropped from 34 to 25 percent. During the same period, however, the percentage with electricity increased from 13 to 33 percent, more than offsetting the decline in telephones for the country as a whole in effect on the index. The proportion of farms with automobiles remained at about 58 percent and the adjusted value of farm products sold also had only an insignificant increase.

From 1940 to 1945, the World War II period, every item contributed to an increase in the index. Increase in percentage of farms with electricity was still most important in raising the index, but its effect was nearly equaled by an increase in the value of products sold (after adjustment for prices farmers pay). Next in importance was an increase in percentage of farms with telephones from 25 to 32 percent. The proportion of farms with automobiles increased only from 58 to 62 percent.

From 1945 to 1950, the increase in electrification, as in the previous periods, was of greatest influence in raising the index. In 1945, 48 percent of farms reported electricity, and by 1950 the proportion had risen to 78 percent. In contrast with earlier periods, the increase in telephones ranked second in raising the index. Changes in the index due to increase in value of sales (adjusted for price changes) and increase in percentage of farms with automobiles were very small.

With the very limited number of items included in our indexes, no generalizations can be made as to the basic factors underlying the improvement in the level of living of farm operators of the United States in the last 20 years. The data suggest, however, that technological advances have been very important - the increases in electrification throughout the period and in farm mechanization during the last 10 years.

Table 1. Average county index of farm operator family level-of-living for the United States, major regions and geographic divisions, 1930, 1940, 1945, and 1950.
(U. S. county average for 1945 equals 100)

Region and division	1930	1940	1945	1950
United States	75	79	100	122
Northeast	102	115	138	152
New England	107	116	137	152
Middle Atlantic	100	114	139	152
North Central	104	104	128	147
East North Central	100	109	131	148
West North Central	107	100	126	147
South	44	49	65	92
South Atlantic	41	49	65	90
East South Central	34	35	48	74
West South Central	55	60	79	108
West	93	102	127	145
Mountain	84	92	115	138
Pacific	111	121	150	160

Table 2.-Farm operator family level-of-living indexes for counties of the United States, 1930, 1940, 1945, and 1950.
(U. S. county average for 1945 equals 100)

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
UNITED STATES									
Total	75	79	100	122					
ALABAMA									
State total	26	25	38	64	Henry	23	25	39	74
Autauga	18	21	37	66	Houston	27	23	49	76
Baldwin	40	45	66	90	Jackson	24	18	28	55
Barbour	17	20	31	58	Jefferson	46	57	80	103
Bibb	20	19	30	65	Lamar	41	28	33	68
Blount	34	26	40	71	Lauderdale	38	34	46	78
Bullock	11	13	22	33	Lawrence	26	23	34	65
Butler	21	22	34	58	Lee	25	27	37	69
Calhoun	40	42	71	89	Limestone	26	28	44	76
Chambers	22	30	41	67	Lowndes	13	13	23	38
Cherokee	40	52	66	79	Macon	19	21	34	44
Chilton	34	23	40	66	Madison	27	31	45	78
Choctaw	15	8	19	41	Marengo	14	10	20	37
Clarke	15	11	19	41	Marion	31	16	24	70
Clay	39	29	41	64	Marshall	29	28	42	69
Cleburne	28	20	39	69	Mobile	52	49	66	95
Coffee	26	25	38	71	Monroe	22	14	26	48
Colbert	29	33	53	77	Montgomery	21	33	44	66
Conecuh	21	15	22	52	Morgan	34	30	42	78
Coosa	31	26	46	76	Perry	18	11	22	44
Covington	28	23	36	67	Pickens	23	18	30	52
Crenshaw	22	22	27	58	Pike	25	28	37	67
Cullman	31	36	52	72	Randolph	31	27	41	65
Dale	26	25	46	73	Russell	19	16	31	44
Dallas	13	13	21	44	St. Clair	33	30	53	73
De Kalb	45	34	44	73	Shelby	28	34	51	83
Elmore	28	30	50	71	Sumter	15	12	20	31
Excambia	27	20	37	62	Talladega	23	27	47	71
Etowah	41	51	68	94	Tallapoosa	27	28	48	64
Fayette	45	30	36	67	Tuscaloosa	23	27	38	63
Franklin	31	21	31	75	Walker	21	27	38	73
Geneva	25	22	44	74	Washington	24	14	26	48
Greene	11	10	19	35	Wilcox	11	11	17	28
Hale	16	14	23	44	Winston	25	15	34	65

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
ARIZONA 1/									
State total	-	-	-	-	Greenlee	53	59	77	2/
Cochise	73	87	101	2/	Santa Cruz	66	100	117	2/
Combination of counties									
Cochise)									
Greenlee)									
Santa Cruz)	68	84	100	120					
ARKANSAS									
State total	29	25	37	68	Howard	30	24	31	69
Arkansas	45	47	66	94	Independence	26	23	37	82
Ashley	21	15	23	62	Izard	21	17	34	61
Baxter	18	25	34	70	Jackson	26	30	49	82
Benton	59	53	72	108	Jefferson	15	17	32	61
Boone	45	44	59	89	Johnson	35	28	39	67
Bradley	37	26	31	61	Lafayette	25	17	23	49
Calhoun	36	21	35	60	Lawrence	32	30	47	81
Carroll	50	45	61	81	Lee	14	17	19	51
Chicot	20	12	18	57	Lincoln	18	13	25	45
Clark	29	25	46	73	Little River	20	13	21	52
Clay	30	29	53	82	Logan	46	35	51	78
Cleburne	35	19	35	57	Lonoke	28	26	45	80
Cleveland	31	19	30	56	Madison	30	22	31	59
Columbia	33	22	35	57	Marion	29	24	28	57
Conway	22	21	27	69	Miller	26	30	35	64
Craighead	31	30	53	87	Mississippi	23	35	52	78
Crawford	26	31	42	74	Monroe	17	17	29	50
Crittenden	16	20	24	49	Montgomery	27	17	24	59
Cross	18	23	33	70	Nevada	34	30	37	64
Dallas	35	29	40	63	Newton	21	13	24	40
Desha	16	12	21	44	Ouachita	34	33	45	66
Drew	25	16	23	58	Perry	19	18	27	52
Faulkner	28	26	35	74	Phillips	13	17	20	51
Franklin	38	29	39	75	Pike	27	16	24	71
Fulton	28	16	32	58	Poinsett	25	28	38	75
Garland	39	36	62	90	Polk	36	28	31	66
Grant	38	23	42	79	Pope	32	24	32	65
Greene	24	28	47	84	Prairie	34	34	50	78
Hempstead	26	21	33	64	Pulaski	31	46	64	88
Hot Spring	33	31	43	82	Randolph	31	27	43	66

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
ARKANSAS -- continued									
St. Francis	15	16	23	51	Stone	17	22	16	48
Saline	37	42	56	92	Union	37	28	44	72
Scott	32	18	30	58	Van Buren	19	15	30	58
Searcy	13	12	14	45	Washington	54	49	70	105
Sebastian	39	37	59	83	White	34	24	35	70
Sevier	28	19	36	65	Woodruff	23	24	40	61
Sharp	28	19	32	64	Yell	27	21	34	69

CALIFORNIA

State total	118	131	161	170	Nevada	97	104	118	2/
Alameda	115	138	166	163	Orange	143	117	177	159
Alpine	127	168	147	2/	Placer	120	130	149	149
Amador	97	107	121	2/	Plumas	123	135	153	2/
Butte	112	123	146	168	Riverside	112	123	160	158
Calaveras	80	94	106	2/	Sacramento	131	142	174	164
Colusa	128	139	180	205	San Benito	142	150	197	179
Contra Costa	129	143	166	172	San Bernardino	117	126	151	158
Del Norte	105	78	97	2/	San Diego	113	115	145	158
El Dorado	100	111	126	113	San Joaquin	133	155	203	183
Fresno	113	140	187	188	San Luis Obispo	112	129	160	174
Glenn	128	137	162	178	San Mateo	134	154	195	2/
Humboldt	102	114	130	2/	Santa Barbara	141	167	209	240
Imperial	112	140	186	237	Santa Clara	132	146	177	173
Inyo	119	144	126	2/	Santa Cruz	122	133	155	191
Kern	135	172	253	292	Shasta	85	94	110	2/
Kings	125	148	179	211	Sierra	89	112	156	2/
Lake	96	111	123	144	Siskiyou	102	117	141	156
Lassen	125	125	146	2/	Solano	139	159	197	182
Los Angeles	138	146	175	179	Sonoma	129	137	167	169
Madera	117	139	183	185	Stanislaus	132	143	173	169
Marin	142	152	204	2/	Sutter	134	158	204	2/
Mariposa	91	91	97	2/	Tehama	105	117	130	148
Mendocino	101	105	134	141	Trinity	74	76	93	2/
Merced	116	137	169	172	Tulare	137	153	206	186
Modoc	100	129	146	2/	Tuolumne	84	99	115	2/
Mono	101	112	147	2/	Ventura	188	194	225	223
Monterey	149	168	228	252	Yolo	146	177	219	218
Napa	122	135	157	173	Yuba	126	126	152	2/

Combinations of counties

Alpine)					Del Norte)				
Amador)					Humboldt)	102	110	126	150
Calaveras)	89	101	114	134					

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
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CALIFORNIA - continued

Combinations of counties - continued

Inyo)					Nevada)				
Mariposa)					Plumas)				
Mono)					Sierra)	103	113	131	138
Tuolumne)	96	105	112	135					
Lassen)					Shasta)				
Modoc)	111	127	146	160	Trinity)	83	90	108	123
Marin)					Sutter)				
San Mateo)	138	153	199	201	Yuba)	132	149	190	183

COLORADO

State total	87	96	122	149	Kit Carson	76	77	110	132
Adams	101	114	153	178	Lake	57	68	107	2/
Alamosa	94	93	134	2/	La Plata	61	61	88	121
Arapahoe	113	125	134	186	Larimer	131	123	153	191
Archuleta	55	69	76	2/	Las Animas	55	66	77	103
Baca	63	73	118	133	Lincoln	89	86	109	2/
Bent	103	111	147	2/	Logan	110	106	144	2/
Boulder	121	131	167	187	Mesa	96	116	141	159
Chaffee	85	97	114	2/	Mineral	74	89	95	2/
Cheyenne	76	82	126	2/	Moffat	62	77	98	2/
Clear Creek	99	90	119	2/	Montezuma	65	62	80	2/
Conejos	55	71	92	2/	Montrose	102	104	132	150
Costilla	50	71	68	2/	Morgan	121	126	165	182
Crowley	91	86	126	2/	Otero	111	117	163	2/
Custer	64	78	82	2/	Ouray	87	88	122	2/
Delta	100	106	139	149	Park	76	90	116	2/
Dolores	48	47	70	2/	Phillips	118	120	161	2/
Douglas	105	100	110	2/	Pitkin	96	99	119	2/
Eagle	85	105	133	2/	Prowers	89	98	130	140
Elbert	94	96	106	2/	Pueblo	94	109	134	160
El Paso	89	100	121	153	Rio Blanco	87	100	113	2/
Fremont	88	97	106	2/	Rio Grande	141	154	195	2/
Garfield	92	93	105	2/	Routt	80	85	126	2/
Gilpin	56	71	88	2/	Saguache	113	112	153	2/
Grand	94	110	129	2/	San Miguel	60	71	112	2/
Gunnison	92	104	134	2/	Sedgwick	109	120	160	2/
Hinsdale	89	107	109	2/	Summit	81	104	118	2/
Huerfano	55	55	70	2/	Teller	53	67	93	2/
Jackson	122	113	193	2/	Washington	86	97	120	148
Jefferson	109	128	151	169	Weld	115	131	174	202
Kiowa	71	79	105	2/	Yuma	100	100	124	2/

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
COLORADO - continued									
Combinations of counties									
Alamosa)					Clear Creek)				
Rio Grande)					Eagle)				
Saguache)	119	121	167	195	Garfield)				
					Gilpin)				
Archuleta)					Grand)				
Conejos)					Lake)				
Costilla)	54	71	81	128	Pitkin)				
					Summit)	89	97	115	137
Bent)									
Crowley)					Custer)				
Otero)	103	108	150	165	Fremont)				
					Huerfano)	74	79	91	125
Chaffee)									
Gunnison)					Dolores)				
Hinsdale)					Montezuma)				
Mineral)					San Miguel)	62	60	82	111
Ouray)									
Park)					Douglas)				
Teller)	80	92	117	149	Elbert)	98	98	108	145
Cheyenne)					Jackson)				
Kiowa)					Moffat)				
Lincoln)	81	83	107	116	Rio Blanco)				
					Routt)	79	89	124	159
					Logan)				
					Sedgwick)	109	110	148	173
					Phillips)				
					Yuma)	105	105	134	154
CONNECTICUT									
State total	117	138	170	175	New Haven	129	144	174	174
Fairfield	123	134	174	162	New London	103	121	153	162
Hartford	138	154	195	191	Tolland	107	131	160	178
Litchfield	124	155	173	185	Windham	105	126	158	174
Middlesex	107	139	172	173					

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
DELAWARE									
State total	84	100	136	158	New Castle	100	119	146	164
Kent	73	83	103	140	Sussex	78	97	160	169
FLORIDA									
State total	45	53	76	105	Lafayette	31	33	39	2/
Alachua	35	46	60	80	Lake	52	55	106	129
Baker	27	24	36	2/	Lee	68	87	108	2/
Bay	43	45	56	2/	Leon	15	20	29	62
Bradford	37	40	48	2/	Levy	37	37	57	2/
Brevard	56	69	83	2/	Liberty	23	17	35	2/
Broward	28	60	73	2/	Madison	29	29	40	2/
Calhoun	21	21	30	2/	Manatee	70	95	93	125
Charlotte	73	65	99	2/	Marion	44	53	61	92
Citrus	44	48	66	2/	Martin	48	57	120	2/
Clay	50	48	67	2/	Monroe	20	25	44	2/
Collier	52	98	95	2/	Nassau	45	48	63	2/
Columbia	29	33	43	70	Okaloosa	27	16	35	62
Dade	65	102	151	189	Okeechobee	35	55	58	2/
De Soto	58	55	78	2/	Orange	67	66	136	2/
Dixie	37	30	38	2/	Osceola	48	59	90	2/
Duval	68	88	122	146	Palm Beach	50	126	137	2/
Escambia	34	49	59	98	Pasco	51	66	92	2/
Flagler	66	84	103	2/	Pinellas	82	105	143	2/
Franklin	41	41	58	2/	Polk	48	67	139	155
Gadsden	39	36	63	106	Putnam	58	68	87	2/
Gilchrist	39	33	40	2/	St. Johns	93	85	107	2/
Glades	43	60	74	2/	St. Lucie	50	71	89	2/
Gulf	25	38	61	2/	Santa Rosa	24	22	40	81
Hamilton	25	24	31	2/	Sarasota	76	110	137	2/
Hardee	50	45	75	96	Seminole	91	111	150	2/
Hendry	90	136	231	2/	Sumter	42	52	69	81
Hernando	48	56	75	2/	Suwannee	26	33	39	67
Highlands	60	70	126	2/	Taylor	27	34	31	2/
Hillsborough	65	84	112	2/	Union	37	34	48	2/
Holmes	17	12	23	60	Volusia	67	72	99	2/
Indian River	60	58	92	2/	Wakulla	24	27	30	2/
Jackson	19	18	28	56	Walton	22	14	30	2/
Jefferson	20	19	29	48	Washington	21	14	24	65

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
FLORIDA-continued									
Combinations of counties									
Baker)					Citrus)				
Union) 33	31	43	64		Hernando)				
					Pasco) 49	60	83	118	
Bay)									
Walton) 25	19	36	65		De Soto)				
					Highlands) 59	62	107	100	
Bradford)									
Clay) 40	41	53	70		Dixie)				
					Levy)				
Brevard)					Taylor) 34	36	44	73	
Indian River)									
St. Lucie) 56	65	89	127		Flagler)				
					Volusia) 67	74	100	133	
Broward)									
Martin)					Gilchrist)				
Palm Beach) 40	88	108	183		Lafayette) 36	33	40	69	
Calhoun)					Hamilton)				
Franklin)					Madison) 27	27	36	64	
Gulf)									
Liberty)					Hillsborough)				
Wakulla) 22	23	37	59		Pinellas) 69	87	118	119	
Charlotte)					Nassau)				
Collier)					Putnam)				
Glades)					St. Johns) 62	65	88	117	
Hendry)									
Lee)					Orange)				
Monroe)					Osceola)				
Okeechobee)					Seminole) 71	74	134	156	
Sarasota) 61	82	115	147						
GEORGIA									
State total	30	37	52	80	Bartow	30	35	50	83
Appling	32	29	41	65	Ben Hill	38	52	66	86
Atkinson	27	38	46	2/	Berrien	37	29	47	87
Bacon	31	32	48	80	Bibb	50	73	93	2/
Baker	20	22	34	71	Bleckley	30	34	51	82
Baldwin	29	32	37	2/	Brantley	25	27	49	2/
Banks	26	34	45	78	Brooks	28	27	37	71
Barrow	30	42	59	89	Bryan	32	34	49	2/

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
GEORGIA-continued									
Bulloch	34	49	58	89	Fulton	52	67	89	106
Burke	15	33	39	56	Gilmer	19	15	31	61
Butts	31	47	59	80	Glascock	34	37	64	2/
Calhoun	21	23	37	64	Glynn	45	55	70	2/
Camden	27	20	32	2/	Gordon	31	43	57	82
Candler	31	44	57	89	Grady	30	41	49	89
Carroll	35	40	60	89	Greene	23	29	59	2/
Catoosa	44	67	84	2/	Gwinnett	33	37	57	92
Charlton	38	33	38	2/	Habersham	32	37	60	78
Chatham	58	88	99	112	Hall	28	33	59	87
Chattahoochee	22	30	82	2/	Hancock	16	19	29	56
Chattooga	37	43	47	75	Haralson	30	32	47	73
Cherokee	41	41	73	107	Harris	23	34	36	79
Clarke	39	56	67	2/	Hart	32	42	50	91
Clay	32	26	32	2/	Heard	28	26	44	72
Clayton	33	49	74	119	Henry	31	43	52	82
Clinch	38	38	56	2/	Houston	30	45	61	2/
Cobb	41	61	87	104	Irwin	35	38	58	85
Coffee	34	33	44	76	Jackson	28	33	54	82
Colquitt	35	39	52	85	Jasper	22	44	54	2/
Columbia	22	39	56	2/	Jeff Davis	28	33	43	69
Cook	37	39	66	89	Jefferson	21	41	57	81
Coweta	28	36	45	79	Jenkins	22	30	46	80
Crawford	31	37	50	2/	Johnson	21	25	38	79
Crisp	31	51	71	102	Jones	33	37	69	2/
Dade	26	28	38	2/	Lamar	35	51	73	2/
Dawson	36	26	55	2/	Lanier	34	28	45	2/
Decatur	29	32	41	77	Laurens	23	27	45	75
De Kalb	44	79	102	135	Lee	25	33	46	2/
Dodga	26	33	43	75	Liberty	19	21	38	2/
Dooly	28	35	48	81	Lincoln	29	29	46	2/
Dougherty	41	42	42	2/	Long	32	31	44	2/
Douglas	36	37	56	80	Lowndes	37	41	56	80
Early	20	27	30	58	Lumpkin	22	20	28	2/
Echols	32	37	42	2/	McDuffie	22	34	51	77
Effingham	40	52	62	79	McIntosh	29	17	44	2/
Elbert	35	43	47	87	Macon	34	44	55	77
Emanuel	23	30	42	72	Madison	28	38	52	81
Evans	32	41	55	2/	Marion	27	29	31	2/
Fannin	17	24	31	63	Meriwether	28	32	41	69
Fayette	24	28	41	74	Miller	21	20	35	79
Floyd	40	57	66	95	Mitchell	26	33	50	81
Forsyth	36	44	76	98	Monroe	25	44	64	90
Franklin	29	41	48	90	Montgomery	27	27	39	75

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
GEORGIA-continued									
Morgan	26	44	57	84	Tattnall	39	44	54	2/
Murray	30	34	44	66	Taylor	30	34	46	2/
Muscogee	40	66	96	2/	Telfair	25	29	45	75
Newton	28	45	59	2/	Terrell	29	33	44	65
Oconee	31	54	56	2/	Thomas	31	40	50	72
Oglethorpe	26	38	49	83	Tift	41	52	66	106
Paulding	24	30	43	72	Toombs	26	27	35	68
Peach	32	63	73	2/	Towns	23	24	33	2/
Pickens	20	25	50	87	Treutlen	21	34	42	2/
Pierce	33	48	54	2/	Troup	30	39	55	87
Pike	30	42	59	2/	Turner	32	33	49	81
Polk	29	34	50	81	Twiggs	22	25	40	2/
Pulaski	27	30	50	81	Union	17	15	26	57
Putnam	22	28	56	2/	Upson	39	55	69	2/
Quitman	28	21	24	2/	Walker	39	56	67	83
Rabun	27	26	39	2/	Walton	32	51	56	92
Randolph	23	25	35	64	Ware	38	49	61	102
Richmond	44	59	101	115	Warren	24	29	40	69
Rockdale	32	45	68	2/	Washington	23	33	46	2/
Schley	26	31	45	2/	Wayne	32	36	52	2/
Screven	23	32	37	65	Webster	26	35	44	2/
Seminole	27	31	49	85	Wheeler	20	33	53	2/
Spalding	41	64	65	96	White	17	21	50	68
Stephens	26	36	51	85	Whitfield	36	52	68	88
Stewart	24	26	33	55	Wilcox	26	25	41	75
Sumter	32	48	63	90	Wilkes	21	32	51	75
Talbot	32	26	39	2/	Wilkinson	23	24	37	2/
Taliaferro	18	30	47	2/	Worth	22	31	43	80

Combinations of counties

Atkinson	)				Camden)			
Lanier	)	30	33	46	67	Charlton)		
					Clinch)			
Baldwin	)				Echols	)	33	32	42 75
Jones	)	31	34	52	78				
					Catoosa)			
Brantley	)				Dade	)	37	55	69 80
Pierce	)	30	41	52	75				
					Chattahoochee)				
Bibb	)				Muscogee	)	34	54	94 112
Crawford	)	40	55	72	108				
					Clarke)			
Bryan	)				Oconee	)	34	55	61 98
Liberty	)	23	25	40	68				

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
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GEORGIA - continued

Combinations of counties - continued

Clay)					Jasper)				
Quitman)	30	25	30	67	Putnam)	22	35	55	75
Columbia)					Lamar)				
Lincoln)	25	35	51	81	Pike)	32	45	65	87
Dawson)					Marion)				
Lumpkin)	28	23	46	73	Taylor)	28	32	40	64
Dougherty)					Newton)				
Lee)	31	37	44	92	Rockdale)	29	45	63	77
Evans)					Rabun)				
Tattnall)	37	43	55	80	Towns)	24	25	36	66
Glascock)					Schley)				
Washington)	24	33	50	73	Webster)	27	34	45	61
Glynn)					Talbot)				
Long)					Upson)	33	34	47	79
McIntosh)					Treutlen)				
Wayne)	32	35	53	69	Wheeler)	21	33	48	79
Greene)					Twiggs)				
Taliaferro)	22	30	55	75	Wilkinson)	23	25	39	65
Houston)									
Peach)	31	51	65	87					

IDAHO

State total	92	100	129	147	Boundary	71	81	96	2/
Ada	113	129	152	2/	Butte	82	81	126	2/
Adams	70	75	90	2/	Camas	83	94	154	2/
Bannock	90	105	137	150	Canyon	113	130	156	156
Bear Lake	89	99	121	2/	Caribou	58	81	121	2/
Benewah	69	70	92	2/	Cassia	111	121	143	155
Bingham	103	115	144	158	Clark	86	74	106	2/
Blaine	92	92	128	2/	Clearwater	72	78	84	2/
Boise	66	65	77	2/	Custer	77	81	97	2/
Bonner	62	69	85	2/	Elmore	76	80	118	2/
Bonneville	123	134	168	178	Franklin	112	125	157	156

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
IDAHO - continued									
Fremont	89	103	115	166	Minidoka	123	134	154	166
Gem	100	112	140	143	Nez Perce	99	106	139	2/
Gooding	88	105	132	2/	Oneida	83	94	123	2/
Idaho	92	97	129	2/	Owyhee	69	79	115	2/
Jefferson	96	105	138	159	Payette	139	136	159	153
Jerome	108	121	156	166	Power	75	93	139	2/
Kootenai	70	84	101	2/	Shoshone	70	71	89	2/
Latah	110	122	148	155	Teton	80	88	139	2/
Lemhi	79	79	91	2/	Twin Falls	143	144	179	183
Lewis	108	124	164	2/	Valley	70	70	119	2/
Lincoln	81	92	126	2/	Washington	89	101	126	153
Madison	93	106	147	2/					
Combinations of counties									
Ada)					Bonner)				
Owyhee)	102	116	143	154	Boundary)				
					Clear Water)				
Adams)					Shoshone)	68	74	88	103
Idaho)									
Valley)	84	89	120	140	Butte)				
					Clark)				
Bear Lake)					Custer)				
Caribou)	80	94	121	163	Lemhi)	80	79	101	123
Benewah)					Gooding)				
Kootenai)	69	80	99	121	Lincoln)	86	101	129	157
Blaine)					Lewis)				
Boise)					Nez Perce)	102	111	147	166
Camas)									
Elmore)	81	84	119	148	Madison)				
					Teton)	89	100	145	158
					Oneida)				
					Power)	80	93	129	143
ILLINOIS									
State total	107	113	139	156	Calhoun	84	71	87	108
Adams	118	125	142	159	Carroll	127	136	167	194
Alexander	41	46	54	2/	Cass	115	108	138	164
Bond	90	92	118	142	Champaign	132	145	174	190
Boone	121	134	178	184	Christian	114	117	151	171
Brown	111	108	125	140	Clark	94	80	105	121
Bureau	144	142	177	188	Clay	84	87	101	128

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
ILLINOIS - continued									
Clinton	88	112	132	152	Macon	123	123	151	169
Coles	111	115	148	153	Macoupin	95	98	120	141
Cook	126	140	178	172	Madison	101	110	140	151
Crawford	104	102	113	130	Marion	75	85	106	137
Cumberland	86	81	97	117	Marshall	132	139	168	2/
De Kalb	142	161	201	200	Mason	127	134	172	186
De Witt	112	117	146	169	Massac	62	64	79	109
Douglas	116	118	150	171	Menard	128	127	158	185
Du Page	133	146	171	181	Mercer	139	146	176	192
Edgar	113	120	150	157	Monroe	112	118	127	157
Edwards	108	111	127	2/	Montgomery	92	98	125	146
Effingham	96	95	116	149	Morgan	114	116	146	163
Fayette	79	79	99	132	Moultrie	108	118	143	159
Ford	135	137	175	179	Ogle	125	136	173	183
Franklin	53	67	84	106	Peoria	128	139	166	168
Fulton	118	124	155	171	Perry	84	83	95	125
Gallatin	72	72	95	109	Piatt	126	128	173	188
Greene	101	102	124	150	Pike	97	100	126	143
Grundy	123	139	170	189	Pope	52	45	54	2/
Hamilton	61	62	62	91	Pulaski	48	57	67	2/
Hancock	120	117	145	156	Putnam	140	155	182	2/
Hardin	38	37	50	2/	Randolph	98	103	126	156
Henderson	126	125	158	185	Richland	101	99	110	134
Henry	140	155	186	194	Rock Island	134	139	166	180
Iroquois	128	134	162	183	St. Clair	104	112	133	152
Jackson	58	64	83	112	Saline	68	68	88	116
Jasper	81	77	91	115	Sangamon	113	127	159	180
Jefferson	66	78	86	116	Schuyler	105	95	125	144
Jersey	87	90	115	138	Scott	101	104	128	162
Jo Daviess	128	132	160	162	Shelby	105	105	130	156
Johnson	45	42	56	78	Stark	137	150	177	195
Kane	133	157	200	203	Stephenson	133	145	174	190
Kankakee	124	133	161	171	Tazewell	133	146	170	174
Kendall	138	156	185	210	Union	70	70	85	114
Knox	131	138	168	179	Vermilion	110	116	148	171
Lake	137	149	173	167	Wabash	106	113	141	2/
La Salle	131	143	176	184	Warren	141	148	182	192
Lawrence	92	86	108	126	Washington	103	114	132	145
Lee	130	139	173	189	Wayne	78	81	92	112
Livingston	138	153	186	193	White	83	96	119	145
Logan	130	140	168	186	Whiteside	132	143	180	193
McDonough	130	137	173	187	Will	123	133	162	177
McHenry	127	149	185	180	Williamson	57	55	75	95
McLean	132	149	182	187	Winnebago	132	140	174	181
					Woodford	145	155	180	190

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
ILLINOIS - continued									
Combinations of counties									
Alexander)					Hardin)				
Pulaski)	45	51	61	92	Pope)	47	42	51	76
Edwards)					Marshall)				
Wabash)	107	112	133	149	Putnam)	134	143	172	180
INDIANA									
State total	100	111	134	149	Jasper	105	101	133	145
Adams	111	129	146	164	Jay	100	111	139	146
Allen	118	135	154	158	Jefferson	81	80	94	122
Bartholomew	100	120	141	151	Jennings	66	64	82	107
Benton	126	130	158	188	Johnson	106	128	145	163
Blackford	84	119	140	161	Knox	97	109	144	152
Boone	116	153	173	177	Kosciusko	109	123	153	161
Brown	51	46	64	2/	Lagrange	105	114	124	134
Carroll	128	151	166	187	Lake	121	120	148	155
Cass	107	128	153	168	La Porte	108	116	144	156
Clark	77	90	108	125	Lawrence	70	71	84	107
Clay	93	101	116	152	Madison	110	133	161	167
Clinton	136	153	176	185	Marion	112	133	153	159
Crawford	68	49	64	93	Marshall	114	122	149	154
Daviess	76	88	105	131	Martin	59	60	74	98
Dearborn	96	107	127	144	Miami	108	126	153	162
Decatur	102	120	143	161	Monroe	69	77	87	2/
De Kalb	101	114	135	152	Montgomery	117	128	167	178
Delaware	110	141	165	158	Morgan	86	96	120	136
Dubois	95	95	123	145	Newton	123	116	153	176
Elkhart	119	128	150	157	Noble	106	121	143	150
Fayette	120	135	154	2/	Ohio	106	122	143	2/
Floyd	88	96	121	141	Orange	73	59	74	95
Fountain	106	111	148	159	Owen	82	69	91	127
Franklin	95	95	113	130	Parke	101	121	141	161
Fulton	107	124	157	168	Perry	67	56	73	93
Gibson	98	111	132	152	Pike	69	67	84	115
Grant	112	135	168	154	Porter	109	118	148	155
Greene	76	82	98	121	Posey	95	101	135	155
Hamilton	122	145	164	176	Pulaski	107	101	135	147
Hancock	117	141	161	156	Putnam	94	112	126	151
Harrison	90	96	115	134	Randolph	105	115	155	164
Hendricks	101	132	157	165	Ripley	95	97	111	137
Henry	118	144	166	166	Rush	125	146	177	177
Howard	117	142	164	169	St. Joseph	108	121	141	152
Huntington	112	162	182	166	Scott	49	66	83	91
Jackson	81	88	100	125	Shelby	105	128	153	171

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
INDIANA - continued									
Spencer	75	84	115	148	Vermillion	101	93	113	152
Starke	81	83	128	137	Vigo	101	104	125	145
Steuben	103	122	140	158	Wabash	114	133	158	164
Sullivan	94	101	126	141	Warren	104	116	146	147
Switzerland	93	92	116	2/	Warrick	75	88	110	132
Tippecanoe	116	139	165	172	Washington	83	73	88	114
Tipton	118	143	168	174	Wayne	118	142	163	178
Union	133	136	163	2/	Wells	105	123	147	166
Vanderburgh	115	139	150	161	White	113	122	153	172
					Whitley	107	135	153	170
Combinations of counties									
Brown)					Ohio)				
Monroe)	63	69	81	111	Switzerland)	96	100	122	121
Fayette)									
Union)	125	135	157	171					
IOWA									
State total	132	133	162	178	Davis	119	118	131	154
Adair	133	124	153	171	Decatur	101	90	105	139
Adams	120	123	155	173	Delaware	127	122	154	167
Allamakee	118	121	140	166	Des Moines	139	133	163	185
Appanoose	97	90	110	146	Dickinson	128	139	162	181
Audubon	137	132	159	190	Dubuque	123	123	159	165
Benton	145	162	194	203	Emmet	132	140	177	185
Black Hawk	139	148	181	184	Fayette	126	118	154	175
Boone	133	140	169	171	Floyd	127	130	164	179
Bremer	134	134	161	183	Franklin	140	156	187	196
Buchanan	117	123	149	171	Fremont	121	119	154	171
Buena Vista	143	156	189	198	Greene	142	148	181	182
Butler	126	137	166	183	Grundy	150	169	196	192
Calhoun	140	150	175	182	Guthrie	128	123	152	173
Carroll	144	156	181	195	Hamilton	148	155	189	194
Cass	140	135	158	181	Hancock	134	148	185	191
Cedar	144	155	185	195	Hardin	142	154	184	190
Cerro Gordo	128	144	177	188	Harrison	122	99	138	167
Cherokee	148	152	190	214	Henry	138	131	164	172
Chickasaw	120	104	135	159	Howard	118	119	138	160
Clarke	118	109	135	156	Humboldt	140	150	184	193
Clay	143	151	184	193	Ida	152	141	188	190
Clayton	132	128	159	169	Iowa	139	145	170	193
Clinton	134	138	173	195	Jackson	127	128	146	168
Crawford	143	126	153	173	Jasper	134	138	168	180
Dallas	138	135	174	180	Jefferson	123	114	146	162

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
IOWA - continued									
Johnson	129	138	167	184	Pocahontas	140	148	187	188
Jones	133	141	169	182	Polk	128	130	164	175
Keokuk	134	132	152	179	Pottawattamie	136	134	167	190
Kossuth	139	149	179	195	Poweshiek	137	148	175	180
Lee	120	111	133	168	Ringgold	114	111	136	169
Linn	126	133	163	179	Sac	151	156	192	195
Louisa	127	136	167	172	Scott	140	153	182	181
Lucas	120	110	130	152	Shelby	144	141	174	195
Lyon	132	136	170	188	Sioux	144	149	185	198
Madison	128	116	135	165	Story	145	145	184	186
Mahaska	131	130	163	176	Tama	138	149	177	186
Marion	123	113	137	156	Taylor	123	117	140	175
Marshall	149	161	190	188	Union	123	112	134	158
Mills	124	120	149	172	Van Buren	117	111	128	145
Mitchell	129	130	164	183	Wapello	114	112	129	141
Monona	126	121	154	172	Warren	122	107	136	167
Monroe	103	93	110	141	Washington	141	145	172	190
Montgomery	138	136	169	193	Wayne	117	111	124	156
Muscatine	130	151	173	195	Webster	136	144	177	179
O'Brien	148	159	192	192	Winnebago	130	139	169	182
Osceola	135	139	164	180	Winneshiek	128	126	153	172
Page	136	137	171	199	Woodbury	126	118	151	171
Palo Alto	129	134	175	184	Worth	125	129	169	181
Plymouth	138	131	163	199	Wright	141	160	191	187

KANSAS

State total	115	101	135	152	Decatur	123	90	125	159
Allen	113	99	114	146	Dickinson	137	135	165	177
Anderson	103	86	108	128	Doniphan	116	105	121	166
Atchison	112	95	118	147	Douglas	120	117	136	156
Barber	124	116	141	175	Edwards	129	101	158	2/
Barton	125	106	144	156	Elk	108	93	102	127
Bourbon	101	93	111	144	Ellis	110	88	120	134
Brown	132	132	164	175	Ellsworth	126	94	128	166
Butler	114	111	133	158	Finney	102	93	128	2/
Chase	134	117	147	2/	Ford	135	94	164	170
Chautauqua	96	89	97	110	Franklin	115	101	121	154
Cherokee	88	83	93	124	Geary	129	122	143	2/
Cheyenne	121	105	146	2/	Gove	101	79	124	2/
Clark	138	105	163	2/	Graham	94	79	99	2/
Clay	122	125	150	176	Grant	88	84	145	2/
Cloud	119	99	131	153	Gray	122	78	158	2/
Coffey	114	98	120	129	Greeley	75	78	135	2/
Comanche	148	120	179	2/	Greenwood	113	96	114	139
Cowley	109	108	124	148	Hamilton	69	65	127	2/
Crawford	93	93	108	130	Harper	123	125	157	169

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
KANSAS - continued									
Harvey	123	126	151	166	Pawnee	134	117	172	155
Haskell	109	66	150	2/	Phillips	114	94	124	125
Hodgeman	117	87	157	2/	Pottawatomie	123	102	125	155
Jackson	112	95	111	116	Pratt	132	123	162	166
Jefferson	111	81	100	131	Rawlins	117	104	143	154
Jewell	125	101	137	153	Reno	123	119	147	156
Johnson	117	120	139	148	Republic	127	103	126	142
Kearny	97	84	138	2/	Rice	129	119	160	162
Kingman	123	113	147	160	Riley	130	121	151	178
Kiowa	131	108	151	2/	Rooks	120	99	133	140
Labette	101	93	101	131	Rush	126	102	144	144
Lane	119	93	124	2/	Russell	121	96	136	149
Leavenworth	102	91	104	116	Saline	125	120	156	164
Lincoln	131	105	134	159	Scott	95	90	140	2/
Linn	106	101	115	133	Sedgwick	122	126	147	152
Logan	86	71	111	2/	Seward	116	91	160	2/
Lyon	123	108	128	153	Shawnee	118	115	138	146
McPherson	128	125	160	171	Sheridan	106	83	111	2/
Marion	130	129	154	167	Sherman	106	98	158	2/
Marshall	127	114	138	161	Smith	121	97	130	132
Meade	119	105	170	2/	Stafford	133	124	156	165
Miami	114	112	128	156	Stanton	73	69	181	2/
Mitchell	124	106	146	162	Stevens	100	80	128	2/
Montgomery	99	97	108	129	Sumner	109	117	139	157
Morris	134	125	150	2/	Thomas	114	83	145	2/
Morton	93	67	136	2/	Trego	112	91	123	2/
Nemaha	128	115	143	167	Wabaunsee	134	114	134	2/
Neosho	109	97	103	128	Wallace	89	83	118	2/
Ness	122	96	149	154	Washington	126	113	128	156
Norton	116	90	121	140	Wichita	88	72	138	2/
Osage	121	108	133	147	Wilson	101	90	102	126
Osborne	124	107	146	150	Woodson	100	88	108	124
Ottawa	119	109	143	152	Wyandotte	105	113	124	152
Combinations of counties									
Chase)					Finney)				
Morris)	134	122	148	170	Hodgeman)	108	90	139	160
Cheyenne)					Geary)				
Sherman)	114	102	151	158	Wabaunsee)	132	117	137	155
Clark)					Gove)				
Comanche)					Lane)	107	84	124	164
Meade)	132	110	171	185	Graham)				
Edwards)					Trego)	102	85	110	119
Kiowa)	130	103	156	166					

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
KANSAS - continued									
Combinations of counties - continued									
Grant)					Logan)				
Gray)					Wallace)	87	75	114	122
Haskell)	109	78	154	167					
					Morton)				
Greeley)					Seward)				
Scott)					Stevens)	104	81	141	158
Wichita)	88	82	139	143					
					Sheridan)				
Hamilton)					Thomas)	110	83	127	137
Kearny)									
Stanton)	81	74	145	174					
KENTUCKY									
State total	42	49	61	86	Edmonson	27	23	37	54
Adair	37	33	40	60	Elliott	15	5	9	37
Allen	50	49	63	92	Estill	17	18	29	48
Anderson	49	64	84	109	Fayette	106	131	143	167
Ballard	57	61	95	114	Fleming	52	55	70	94
Barren	53	59	90	103	Floyd	8	15	26	54
Bath	42	42	54	75	Franklin	53	73	83	127
Bell	11	20	27	39	Fulton	45	78	87	109
Boone	82	91	114	136	Gallatin	50	57	70	2/
Bourbon	87	111	119	148	Garrard	51	67	85	113
Boyd	33	48	68	91	Grant	56	70	89	133
Boyle	65	80	89	124	Graves	50	54	71	101
Bracken	66	76	94	121	Grayson	36	35	44	58
Breathitt	2	4	5	26	Green	43	45	55	77
Breckinridge	45	36	59	76	Greenup	22	25	40	70
Bullitt	54	77	95	108	Hancock	48	49	57	92
Butler	25	18	25	43	Hardin	57	69	81	101
Caldwell	48	42	58	88	Harlan	12	22	32	43
Calloway	64	64	79	100	Harrison	63	72	93	127
Campbell	88	95	118	148	Hart	45	46	66	91
Carlisle	44	50	65	94	Henderson	39	62	85	112
Carroll	50	68	78	2/	Henry	53	75	94	122
Carter	17	15	32	57	Hickman	58	71	90	113
Casey	27	20	32	54	Hopkins	45	51	61	88
Christian	43	56	78	103	Jackson	5	15	18	41
Clark	74	87	96	137	Jefferson	88	119	144	144
Clay	4	8	14	31	Jessamine	63	83	93	115
Clinton	27	17	26	48	Johnson	27	24	26	63
Crittenden	44	40	49	81	Kenton	86	97	112	147
Cumberland	29	22	27	52	Knott	5	12	12	48
Daviess	50	65	84	116	Knox	9	11	16	44

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
KENTUCKY - continued									
Larue	64	71	92	96	Nicholas	51	64	73	2/
Laurel	15	19	35	58	Ohio	38	35	45	67
Lawrence	30	16	15	51	Oldham	76	100	128	2/
Lee	8	13	15	34	Owen	45	98	70	102
Leslie	3	5	6	23	Owsley	11	11	13	30
Letcher	8	21	37	60	Pendleton	69	78	98	133
Lewis	35	33	43	64	Perry	6	14	19	47
Lincoln	42	45	61	88	Pike	16	19	29	62
Livingston	40	33	42	70	Powell	12	19	31	2/
Logan	46	48	57	89	Pulaski	28	28	40	63
Lyon	24	31	38	52	Robertson	50	57	73	2/
McCracken	57	73	92	115	Rockcastle	16	16	23	48
McCreary	16	19	26	38	Rowan	11	16	27	47
McLean	46	49	73	100	Russell	36	28	33	57
Madison	52	51	65	92	Scott	65	87	97	130
Magoffin	21	13	13	41	Shelby	75	101	100	146
Marion	51	57	79	97	Simpson	65	75	90	103
Marshall	50	45	65	93	Spencer	57	76	96	127
Martin	4	9	16	58	Taylor	53	55	67	92
Mason	75	88	104	120	Todd	35	47	61	91
Meade	66	73	88	104	Trigg	38	46	62	79
Menifee	21	14	18	2/	Trimble	51	63	74	2/
Mercer	79	88	104	131	Union	57	79	110	132
Metcalf	41	36	49	69	Warren	49	50	65	86
Monroe	36	31	39	60	Washington	57	71	86	115
Montgomery	57	70	82	95	Wayne	25	22	30	51
Morgan	26	17	20	50	Webster	31	37	54	83
Muhlenberg	41	27	40	62	Whitley	14	20	30	55
Nelson	65	80	92	121	Wolfe	16	7	16	39
					Woodford	73	104	110	151
Combinations of counties									
Carroll)					Nicholas)				
Gallatin)	50	63	75	114	Robertson)	51	62	73	101
Menifee)					Oldham)				
Powell)	17	17	26	56	Trimble)	61	79	96	127
LOUISIANA									
State total	29	34	51	82	Avoyelles	24	26	44	71
Acadia	33	36	56	86	Beauregard	35	30	51	75
Allen	39	26	35	84	Bienville	21	18	26	69
Ascension	27	54	104	93	Bossier	18	23	32	70
Assumption	55	80	117	2/	Caddo	20	27	38	63

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
LOUISIANA - continued									
Calcasieu	49	44	72	2/	Plaquemines	37	52	68	2/
Caldwell	29	22	28	75	Pointe Coupee	18	32	45	93
Cameron	28	31	49	2/	Rapides	28	29	46	79
Catahoula	20	13	14	59	Red River	19	14	18	52
Claiborne	24	23	42	71	Richland	20	16	25	72
Concordia	14	13	26	60	Sabine	23	17	22	63
De Soto	16	16	23	57	St. Bernard	51	101	102	2/
East Baton Rouge	29	58	85	110	St. Charles	26	56	84	2/
East Carroll	18	16	27	55	St. Helena	18	17	40	69
East Feliciana	17	16	31	52	St. James	49	74	100	2/
Evangeline	20	14	20	53	St. John the Baptist	68	81	109	2/
Franklin	18	13	28	76	St. Landry	17	21	31	56
Grant	24	25	41	70	St. Martin	19	25	34	62
Iberia	35	59	73	117	St. Mary	48	72	118	2/
Iberville	40	47	85	2/	St. Tammany	38	40	66	96
Jackson	19	17	27	68	Tangipahoa	30	35	69	91
Jefferson	74	105	136	2/	Tensas	16	19	29	67
Jefferson Davis	57	52	86	125	Terrebonne	38	49	76	2/
Lafayette	19	30	34	71	Union	27	23	30	71
Lafourche	37	70	88	114	Vermilion	31	40	57	93
La Salle	30	26	40	74	Vernon	23	16	28	60
Lincoln	29	26	37	76	Washington	27	27	51	78
Livingston	24	31	59	87	Webster	27	26	42	80
Madison	19	17	28	64	West Baton Rouge	30	46	70	2/
Morehouse	21	14	30	63	West Carroll	21	15	30	66
Natchitoches	16	12	24	47	West Feliciana	14	21	32	55
Ouachita	28	24	50	76	Winch	22	17	23	58

Combinations of counties

Assumption)					Jefferson)				
St. James)					St. Bernard)	64	104	124	136
St. John the Baptist)	55	78	109	128	Plaquemines)				
Calcasieu)					St. Charles)	34	53	74	90
Cameron)	42	43	64	103	St. Mary)				
Iberville)					Terrebone)	42	56	92	114
West Baton Rouge)	36	47	77	108					

Table 2.-Farm operator family level-of-living indexes...continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
MAINE									
State total	95	98	116	136	Lincoln	71	90	100	145
Androscoggin	100	110	131	151	Oxford	99	100	112	140
Aroostook	120	110	153	172	Penobscot	93	88	104	130
Cumberland	117	121	136	146	Piscataquis	98	82	102	116
Franklin	105	98	113	124	Sagadahoc	82	100	112	2/
Hancock	87	91	111	112	Somerset	93	86	106	127
Kennebec	96	107	125	2/	Waldo	87	85	110	137
Knox	77	102	112	139	Washington	82	68	98	107
					York	107	122	128	150

Combination of counties

Kennebec)				
Sagadahoc)	93	106	124	140

MARYLAND

State total	77	91	120	140	Harford	103	125	144	158
Allegany	61	74	92	105	Howard	98	122	154	173
Anne Arundel	79	108	129	140	Kent	86	101	141	2/
Baltimore	102	124	149	154	Montgomery	101	117	152	170
Calvert	57	67	81	106	Prince Georges	72	95	115	125
Caroline	66	76	106	134	Queen Annes	67	78	106	2/
Carroll	95	112	135	149	St. Marys	57	70	89	106
Cecil	90	100	129	155	Somerset	61	66	105	134
Charles	51	74	93	107	Talbot	80	100	133	141
Dorchester	69	75	104	142	Washington	90	102	124	144
Frederick	94	107	132	153	Wicomico	71	68	126	142
Garrett	66	61	79	102	Worcester	62	75	140	138

Combination of counties

Kent)				
Queen Annes)	75	86	120	166

MASSACHUSETTS

State total	120	128	150	158	Hampden	114	121	146	171
Barnstable	108	110	101	2/	Hampshire	112	125	144	152
Berkshire	116	127	146	162	Middlesex	140	143	174	162
Bristol	116	128	162	159	Norfolk	145	145	180	166
Dukes	87	106	130	2/	Plymouth	129	134	159	169
Essex	133	136	169	161	Worcester	118	131	155	163
Franklin	105	123	153	169					

Combination of counties

Barnstable)				
Dukes)	105	110	106	131

Table 2.--Farm operator family level-of-living indexes ...continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
MICHIGAN									
State total	84	99	118	135	Keweenaw	37	35	71	2/
Alcona	66	88	95	109	Lake	73	73	89	2/
Alger	64	76	89	2/	Lapeer	100	129	145	115
Allegan	93	123	135	152	Leelanau	92	90	113	2/
Alpena	63	69	95	108	Lenawee	117	136	154	156
Antrim	75	73	98	105	Livingston	115	128	148	157
Arenac	70	87	101	2/	Luce	69	85	97	2/
Baraga	56	64	88	2/	Mackinac	71	76	82	2/
Barry	103	121	143	159	Macomb	127	128	145	158
Bay	87	108	125	146	Manistee	69	88	99	112
Benzie	77	90	106	2/	Marquette	63	78	96	2/
Berrien	104	123	149	157	Mason	79	99	119	134
Branch	93	116	135	143	Mecosta	83	100	125	150
Calhoun	98	122	143	161	Menominee	74	88	105	131
Cass	86	107	122	140	Midland	76	104	126	145
Charlevoix	80	81	104	121	Missaukee	92	94	118	135
Cheboygan	66	69	84	115	Monroe	116	125	143	148
Chippewa	76	79	94	118	Montcalm	91	105	132	145
Clare	75	83	107	2/	Montmorency	65	67	92	2/
Clinton	105	126	144	153	Muskegon	78	116	133	137
Crawford	64	72	88	2/	Newaygo	83	104	129	140
Delta	66	81	100	120	Oakland	118	128	154	157
Dickinson	65	82	97	2/	Oceana	72	93	112	134
Eaton	103	125	144	164	Ogemaw	79	92	104	140
Emmet	75	82	98	125	Ontonagon	55	71	87	100
Genesee	99	125	142	160	Osceola	81	100	115	2/
Gladwin	69	85	97	2/	Oscoda	84	101	107	2/
Gogebic	58	75	86	2/	Otsego	60	63	80	2/
Grand Traverse	89	90	123	136	Ottawa	103	131	148	157
Gratiot	92	112	132	135	Presque Isle	60	73	99	107
Hillsdale	115	127	148	155	Roscommon	63	71	86	2/
Houghton	50	75	98	2/	Saginaw	90	117	136	148
Huron	87	120	136	147	St. Clair	102	119	134	137
Ingham	107	135	150	158	St. Joseph	80	106	122	136
Ionia	105	116	137	157	Sanilac	81	112	132	145
Iosco	75	100	103	2/	Schoolcraft	68	74	86	2/
Iron	61	73	87	2/	Shiawassee	104	121	144	144
Isabella	79	109	123	139	Tuscola	85	115	137	151
Jackson	108	131	152	166	Van Buren	90	109	128	137
Kalamazoo	104	127	152	161	Washtenaw	132	141	160	169
Kalkaska	78	58	78	2/	Wayne	104	126	142	155
Kent	101	124	144	157	Wexford	74	78	104	138

Combinations of counties

Alger)					Arenac)				
Luce)					Iosco)	72	90	102	117
Mackinac)									
Schoolcraft)	68	76	88	109	Baraga)				
					Marquette)	60	71	93	117

Table 2.--Farm operator family level-of-living indexes ...continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
MICHIGAN - continued									
Combinations of counties - continued									
Benzie)					Dickinson)				
Leelanau)	87	90	110	139	Gogebic)				
					Iron)	61	76	89	122
Clare)					Houghton)				
Gladwin)	72	85	102	127	Keweenaw)	49	72	96	122
Crawford)					Kalkaska)				
Montmorency)					Otsego)	69	61	79	109
Oscoda)									
Roscommon)	69	76	95	124	Lake)				
					Osceola)	79	93	108	126
MINNESOTA									
State total	105	107	129	151	Hubbard	80	74	98	117
Aitkin	77	82	103	122	Isanti	109	103	117	134
Anoka	99	103	127	143	Itasca	75	76	102	127
Becker	89	80	92	115	Jackson	123	135	161	183
Beltrami	78	80	98	2/	Kanabec	103	92	117	132
Benton	98	96	113	132	Kandiyohi	108	121	137	160
Big Stone	101	99	120	149	Kittson	99	102	123	140
Blue Earth	122	133	156	165	Koochiching	62	63	82	2/
Brown	118	130	152	176	Lac qui Parle	112	100	126	157
Carlton	76	90	102	131	Lake	92	110	117	2/
Carver	130	133	161	171	Lake of the				
Cass	83	75	92	115	Woods	55	53	91	2/
Chippewa	115	123	150	177	Le Sueur	110	108	133	157
Chisago	117	117	138	153	Lincoln	112	102	128	149
Clay	99	95	112	147	Lyon	121	116	139	174
Clearwater	82	73	87	117	McLeod	117	124	150	164
Cook	83	83	108	2/	Mahnomen	68	64	75	100
Cottonwood	116	125	149	167	Marshall	97	91	109	140
Crow Wing	87	90	108	126	Martin	134	149	177	195
Dakota	109	120	156	2/	Meeker	111	122	142	166
Dodge	114	112	141	163	Mille Lacs	94	95	119	138
Douglas	109	105	129	153	Morrison	90	89	108	129
Faribault	134	151	178	185	Mower	113	117	146	165
Fillmore	123	125	145	160	Murray	117	123	144	171
Freeborn	120	130	154	170	Nicollet	129	138	160	178
Goodhue	123	126	152	165	Nobles	128	130	152	178
Grant	108	108	136	152	Norman	106	100	118	149
Hennepin	113	130	153	160	Olmsted	121	117	147	164
Houston	128	129	156	167	Otter Tail	106	102	121	144

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
MINNESOTA - continued									
Pennington	86	80	96	138	Stearns	103	105	129	145
Pine	86	83	112	135	Steele	124	137	163	166
Pipestone	118	126	152	176	Stevens	107	109	130	163
Polk	102	98	117	149	Swift	104	100	127	157
Pope	114	105	124	164	Todd	101	98	115	145
Ramsey	122	138	160	2/	Traverse	107	100	130	156
Red Lake	93	88	95	133	Wabasha	126	122	146	159
Redwood	112	116	138	156	Wadena	88	83	102	132
Renville	111	124	149	169	Waseca	118	120	145	163
Rice	111	115	148	158	Washington	119	128	153	155
Rock	129	126	165	182	Watsonwan	123	143	162	182
Roseau	80	85	102	131	Wilkin	104	97	115	147
St. Louis	70	80	99	127	Winona	126	122	147	168
Scott	108	115	139	159	Wright	112	105	130	152
Sherburne	89	88	105	132	Yellow				
Sibley	119	122	143	169	Medicine	113	108	137	157

Combinations of counties

Beltrami)					Dakota)				
Lake of the Woods)	73	72	96	122	Ramsey)	113	126	157	173
Cook)									
Koochiching)									
Lake)	68	73	92	101					

MISSISSIPPI

State total	25	22	32	57	Franklin	21	15	27	65
Adams	18	14	20	39	George	28	25	44	2/
Alcorn	31	28	41	67	Greene	30	17	23	62
Amite	28	19	31	53	Grenada	24	16	29	58
Attala	27	19	22	56	Hancock	36	41	63	2/
Benton	19	21	22	39	Harrison	51	57	69	2/
Bolivar	20	21	28	48	Hinds	23	22	33	52
Calhoun	29	20	31	63	Holmes	22	16	23	38
Carroll	23	20	29	50	Humphreys	20	23	29	59
Chickasaw	26	15	27	58	Issaquena	18	20	26	55
Choctaw	32	13	19	51	Itawamba	38	20	33	58
Claiborne	20	15	26	51	Jackson	44	59	74	85
Clarke	26	20	35	50	Jasper	23	18	31	52
Clay	20	25	53	49	Jefferson	21	11	21	35
Coahoma	19	22	25	43	Jefferson				
Copiah	29	22	30	55	Davis	22	22	31	49
Covington	27	26	29	60	Jones	33	31	52	78
De Soto	21	17	30	44	Kemper	18	12	17	28
Forrest	32	40	60	89	Lafayette	28	17	28	54

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
MISSISSIPPI - continued									
Lamar	27	24	42	74	Quitman	19	17	23	49
Lauderdale	31	32	41	61	Rankin	25	23	38	61
Lawrence	22	15	23	48	Scott	27	16	26	56
Leake	23	19	25	57	Sharkey	19	24	36	62
Lee	32	35	43	76	Simpson	20	16	29	56
Leflore	23	23	27	52	Smith	24	17	32	60
Lincoln	29	23	34	72	Stone	37	29	55	2/
Lowndes	25	29	42	62	Sunflower	22	23	32	54
Madison	20	15	19	38	Tallahatchie	17	17	23	51
Marion	20	17	32	61	Tate	23	20	31	52
Marshall	18	13	21	32	Tippah	25	19	28	47
Monroe	33	27	35	66	Tishomingo	27	22	28	64
Montgomery	34	20	39	68	Tunica	13	16	22	38
Neshoba	27	17	24	54	Union	35	34	41	72
Newton	24	19	29	57	Walthall	23	20	33	59
Noxubee	16	13	20	37	Warren	21	26	38	56
Oktibbeha	25	23	30	57	Washington	20	22	29	58
Panola	23	16	30	55	Wayne	21	12	18	53
Pearl River	35	34	59	78	Webster	33	19	26	68
Perry	23	19	30	61	Wilkinson	13	13	21	45
Pike	27	30	46	75	Winston	22	12	27	56
Pontotoc	28	27	35	67	Yalobusha	27	18	30	49
Prentiss	28	26	39	66	Yazoo	20	16	28	43

Combinations of counties

George)					Hancock)				
Stone)	32	27	48	74	Harrison)	44	51	66	83

MISSOURI

State total	82	78	93	114	Cape Girardeau	87	85	95	105
Adair	89	87	96	130	Carroll	111	101	122	156
Andrew	116	115	136	151	Carter	27	20	31	2/
Atchison	132	138	168	167	Cass	113	94	122	136
Audrain	105	107	124	133	Cedar	78	68	85	98
Barry	61	56	70	97	Chariton	104	97	116	142
Barton	92	87	109	117	Christian	76	73	100	113
Bates	99	88	106	122	Clark	98	102	117	144
Benton	83	76	82	98	Clay	112	103	135	148
Bollinger	50	48	52	60	Clinton	122	95	128	171
Boone	88	91	109	119	Cole	110	113	126	142
Buchanan	106	100	113	138	Cooper	101	100	119	143
Butler	34	28	36	62	Crawford	68	61	83	92
Caldwell	113	94	111	124	Dade	84	73	89	112
Callaway	87	87	105	130	Dallas	60	48	62	92
Camden	51	45	46	74	Daviess	104	83	102	131

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
MISSOURI - continued									
De Kalb	107	93	109	142	Nodaway	121	116	136	162
Dent	63	58	61	73	Oregon	44	35	51	76
Douglas	40	32	35	54	Osage	91	83	98	118
Dunklin	38	46	71	101	Ozark	35	29	36	60
Franklin	94	94	103	145	Pemiscot	25	54	67	90
Gasconade	102	96	107	127	Perry	91	92	109	123
Gentry	110	102	121	146	Pettis	101	96	114	141
Greene	88	89	108	126	Phelps	67	65	77	100
Grundy	98	84	111	139	Pike	92	98	110	134
Harrison	97	87	106	130	Platte	102	94	124	146
Henry	107	89	112	116	Polk	84	82	95	110
Hickory	73	65	68	91	Pulaski	50	43	52	79
Holt	113	117	137	155	Putnam	87	73	89	114
Howard	106	99	117	139	Ralls	102	107	116	143
Howell	54	44	58	76	Randolph	94	92	106	131
Iron	45	38	44	62	Ray	99	85	104	119
Jackson	114	114	144	150	Reynolds	32	26	30	2/
Jasper	85	86	103	134	Ripley	30	23	33	49
Jefferson	73	79	93	112	St.Charles	97	97	116	133
Johnson	107	89	112	136	St.Claire	71	65	75	92
Knox	103	102	120	136	St.Francois	73	69	85	111
Laclede	61	56	66	86	St.Louis	97	113	128	134
Lafayette	116	111	141	162	Ste.Genevieve	75	71	86	110
Lawrence	81	75	96	119	Saline	107	105	124	143
Lewis	107	110	135	138	Schuyler	108	108	123	146
Lincoln	94	91	105	127	Scotland	113	109	126	150
Linn	113	104	125	146	Scott	54	57	74	91
Livingston	100	88	110	136	Shannon	38	30	33	44
McDonald	46	48	65	89	Shelby	110	113	129	157
Macon	98	85	103	133	Stoddard	47	46	57	79
Madison	55	47	51	65	Stone	45	39	56	81
Maries	71	61	66	74	Sullivan	88	83	96	130
Marion	107	118	140	148	Taney	40	33	48	71
Mercer	90	69	91	114	Texas	52	45	59	70
Miller	83	69	80	108	Vernon	88	79	100	125
Mississippi	35	38	61	68	Warren	102	102	110	133
Moniteau	104	107	119	140	Washington	48	39	47	67
Monroe	106	101	115	153	Wayne	38	26	30	51
Montgomery	98	96	104	130	Webster	75	62	80	111
Morgan	84	78	90	108	Worth	110	114	134	147
New Madrid	26	44	59	81	Wright	49	44	51	73
Newton	67	65	86	115					

Combination of counties

Carter)				
Reynolds)	30	24	30	40

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
MONTANA									
State total	76	83	107	130	Madison	95	105	122	2/
Beaverhead	120	142	171	2/	Meagher	88	110	133	2/
Big Horn	64	73	99	127	Mineral	49	41	54	2/
Blaine	60	65	95	106	Missoula	94	95	113	2/
Broadwater	98	98	111	2/	Musselshell	67	72	84	2/
Carbon	81	81	114	2/	Park	100	105	119	2/
Carter	53	67	76	2/	Petroleum	59	53	69	2/
Cascade	81	98	119	143	Phillips	53	63	83	109
Chouteau	79	83	125	145	Pondera	74	84	123	2/
Custer	74	87	116	2/	Powder River	60	62	82	2/
Daniels	61	71	118	2/	Powell	106	109	144	2/
Dawson	78	74	106	2/	Prairie	73	82	122	2/
Deer Lodge	111	105	125	2/	Ravalli	96	103	121	2/
Fallon	72	67	91	2/	Richland	71	84	117	141
Fergus	74	79	113	2/	Roosevelt	73	71	105	2/
Flathead	83	93	106	128	Rosebud	64	70	83	2/
Gallatin	102	118	137	165	Sanders	59	71	80	2/
Garfield	43	45	76	2/	Sheridan	76	72	118	128
Glacier	52	61	81	2/	Silver Bow	69	82	108	2/
Golden Valley	73	83	102	2/	Stillwater	85	86	108	2/
Granite	77	90	124	2/	Sweet Grass	95	105	113	2/
Hill	59	73	97	114	Teton	72	93	115	134
Jefferson	77	87	103	2/	Toole	65	73	104	2/
Judith Basin	83	85	121	2/	Treasure	62	86	98	2/
Lake	60	87	95	116	Valley	60	67	91	103
Lewis and Clark	100	105	125	2/	Wheatland	89	93	108	2/
Liberty	73	79	122	2/	Wibaux	89	74	109	2/
Lincoln	61	59	76	2/	Yellowstone	89	110	131	144
McCone	60	66	97	2/					

Combinations of counties

Beaverhead)					Daniels)				
Madison)	106	120	141	175	Roosevelt)	67	71	111	103
Broadwater)					Dawson)				
Meagher)					Fallon)				
Park)	97	104	119	161	Wibaux)	79	72	103	119
Carbon)					Deer Lodge)				
Stillwater)	83	82	111	140	Granite)				
Carter)					Jefferson)				
Powder River)	56	65	78	103	Lewis and)				
Custer)					Clark)				
Rosebud)					Powell)				
Treasure)	68	78	96	125	Silver Bow)	91	98	122	143
					Fergus)				
					Judith Basin)	76	81	116	152

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
MONTANA - continued									
Combinations of counties - continued									
Garfield)					Liberty)				
Musselshell)					Toole)	68	75	112	129
Petroleum)	52	55	78	108					
					Lincoln)				
Glacier)					Mineral)				
Pondera)	67	76	106	122	Sanders)	59	64	77	88
Golden Valley)					McCone)				
Sweet Grass)					Prairie)	65	70	104	115
Wheatland)	86	96	109	155					
					Missoula)				
					Ravalli)	95	100	118	148
NEBRASKA									
State total	120	105	132	157	Dundy	116	104	126	2/
Adams	123	103	125	154	Fillmore	127	93	111	137
Antelope	120	102	120	142	Franklin	124	106	133	162
Arthur	85	85	100	2/	Frontier	121	104	129	2/
Banner	98	94	123	2/	Furnas	128	94	124	2/
Blaine	95	93	124	2/	Gage	133	122	148	180
Boone	128	91	117	141	Garden	110	101	129	2/
Box Butte	113	96	137	2/	Garfield	112	99	114	2/
Boyd	105	83	96	2/	Gosper	126	101	134	2/
Brown	107	91	105	2/	Grant	146	175	201	2/
Buffalo	122	100	124	143	Greeley	116	84	104	151
Burt	140	133	176	185	Hall	115	91	122	164
Butler	131	99	132	150	Hamilton	136	110	140	171
Cass	127	108	147	167	Harlan	125	103	134	163
Cedar	134	113	144	181	Hayes	117	103	131	2/
Chase	109	102	133	2/	Hitchcock	122	117	142	2/
Cherry	111	114	129	2/	Holt	103	97	111	127
Cheyenne	114	110	152	2/	Hooker	91	87	110	2/
Clay	127	82	101	138	Howard	111	95	118	152
Colfax	127	116	141	172	Jefferson	128	107	133	154
Cuming	147	132	174	203	Johnson	123	102	138	157
Custer	122	100	119	142	Kearney	124	111	145	161
Dakota	118	120	147	2/	Keith	118	115	147	2/
Dawes	107	102	132	2/	Keya Paha	98	87	104	2/
Dawson	127	126	163	169	Kimball	88	87	136	2/
Dewel	122	112	166	2/	Knox	120	92	120	2/
Dixon	131	118	148	159	Lancaster	131	119	150	167
Dodge	149	122	156	182	Lincoln	116	102	124	156
Douglas	129	131	140	181	Logan	117	101	124	2/

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
NEBRASKA - continued									
Loup	115	102	114	2/	Saline	126	99	121	160
McPherson	90	80	105	2/	Sarpy	117	118	157	184
Madison	131	102	133	160	Saunders	133	103	132	163
Merrick	128	103	140	163	Scotts Bluff	116	142	167	175
Morrill	95	96	118	2/	Seward	133	105	141	163
Nance	122	93	122	127	Sheridan	119	113	135	161
Nemaha	129	122	151	161	Sherman	107	72	86	122
Nuckolls	125	88	115	142	Sioux	111	116	136	2/
Otoe	130	125	156	167	Stanton	136	106	142	185
Pawnee	129	105	129	141	Thayer	132	92	118	138
Perkins	90	98	127	2/	Thomas	78	77	84	2/
Phelps	134	133	162	186	Thurston	100	85	124	2/
Pierce	124	107	129	161	Valley	130	109	124	158
Platte	134	107	141	154	Washington	134	122	159	185
Polk	134	109	146	162	Wayne	143	127	165	191
Red Willow	121	97	134	150	Webster	126	95	127	143
Richardson	134	117	153	172	Wheeler	108	98	123	2/
Rock	93	89	101	2/	York	138	111	143	168

Combinations of counties

Arthur)					Dakota)				
Garden)					Thurston)	107	100	133	142
Logan)					Dawes)				
McPherson)	104	96	120	145	Sioux)	108	108	134	164
Banner)					Deuel)				
Cheyenne)					Keith)	120	113	155	177
Kimball)	104	101	143	186	Dundy)				
Blaine)					Hitchcock)	120	112	135	159
Brown)					Frontier)				
Thomas)	99	90	106	132	Hayes)	119	103	130	162
Box Butte)					Furnas)				
Morrill)	103	97	126	158	Gosper)	127	97	127	147
Boyd)					Garfield)				
Knox)	116	89	113	137	Loup)				
Chase)					Wheeler)	111	99	116	128
Perkins)	99	100	129	148	Keya Paha)				
Cherry)					Rock)	96	88	103	120
Grant)									
Hooker)	111	118	133	169					

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
NEVADA									
State total	108	107	129	142	Lincoln	58	73	81	2/
Churchill	145	136	159	2/	Lyon	141	126	156	2/
Clark	51	83	134	2/	Mineral	51	39	45	2/
Douglas	210	204	219	2/	Nye	65	74	71	2/
Elko	128	108	148	2/	Ormsby	81	98	136	2/
Esmeralda	63	70	85	2/	Pershing	111	131	127	2/
Eureka	96	116	155	2/	Storey	77	94	157	2/
Humboldt	84	83	95	2/	Washoe	117	127	149	2/
Lander	166	133	167	2/	White Pine	86	82	111	2/

Combinations of counties

Clark)					Churchill)				
Elko)					Douglas)				
Esmeralda)					Lyon)	140	136	159	150
Eureka)					Ormsby)				
Humboldt)					Storey)				
Lander)	90	91	113	137	Washoe)				
Lincoln)									
Mineral)									
Nye)									
Pershing)									
White Pine)									

NEW HAMPSHIRE

State total	105	115	137	151	Hillsborough	121	126	153	166
Belknap	103	115	129	2/	Merrimack	103	119	140	147
Carroll	99	117	129	2/	Rockingham	110	122	142	158
Cheshire	110	118	144	161	Strafford	113	116	142	160
Coos	98	99	125	139	Sullivan	96	109	134	146
Grafton	102	107	131	146					

Combination of counties

Belknap)									
Carroll)	100	116	129	144					

NEW JERSEY

State total	120	138	172	172	Gloucester	111	133	155	169
Atlantic	95	101	136	141	Hudson	187	193	335	2/
Bergen	148	159	200	2/	Hunterdon	84	115	137	158
Burlington	122	142	172	172	Mercer	121	150	179	180
Camden	98	113	137	145	Middlesex	122	143	172	177
Cape May	108	122	144	2/	Monmouth	120	130	177	181
Cumberland	115	126	161	2/	Morris	120	145	174	166
Essex	165	168	193	2/	Ocean	102	122	187	189

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
NEW JERSEY - continued									
Passaic	143	153	197	2/	Sussex	118	142	169	170
Salem	120	138	163	174	Union	151	193	197	2/
Somerset	117	133	167	174	Warren	89	118	139	163
Combinations of counties									
Bergen)					Essex)				
Hudson)	151	162	216	197	Passaic)				
					Union)	151	168	197	171
Cape May)									
Cumberland)	115	125	158	169					
NEW MEXICO 1/									
State total	--	--	--	--	Lea	70	88	97	2/
Catron	46	46	61	66	Lincoln	63	65	63	101
Chaves	101	112	138	166	Luna	86	101	99	2/
Colfax	67	86	86	2/	Mora	18	22	26	65
Curry	67	88	102	137	Quay	72	72	73	110
De Baca	67	78	100	2/	Roosevelt	61	71	86	122
Dona Ana	68	92	119	151	San Miguel	25	26	32	64
Eddy	82	112	123	2/	Sierra	39	44	46	2/
Grant	54	83	80	2/	Socorro	29	33	41	2/
Guadalupe	32	36	33	2/	Torrance	47	42	60	2/
Harding	56	67	79	2/	Union	77	76	93	2/
Hidalgo	60	71	106	2/					
Combinations of counties									
Colfax)					Eddy)				
Harding)					Lea)	78	101	110	133
Union)	70	78	88	116					
De Baca)					Grant)				
Guadalupe)					Hidalgo)				
Torrance)	46	46	57	90	Luna)	62	85	92	115
					Sierra)				
					Socorro)	33	36	43	80
NEW YORK									
State total	105	120	145	160	Chautauqua	99	116	134	147
Albany	106	121	148	2/	Chemung	96	107	131	162
Allegany	96	99	128	148	Chenango	108	103	133	160
Broome	96	106	128	148	Clinton	91	96	119	141
Cattaraugus	99	109	134	151	Columbia	112	129	156	174
Cayuga	94	100	142	165	Cortland	106	129	163	172

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
NEW YORK - continued									
Delaware	111	112	146	155	Oswego	92	110	129	143
Dutchess	128	152	175	2/	Otsego	105	112	142	166
Erie	108	127	147	164	Putnam	139	156	175	2/
Essex	101	103	121	140	Rensselaer	95	117	142	150
Franklin	79	88	109	148	Rockland	146	165	184	2/
Fulton	89	103	121	2/	St. Lawrence	88	98	122	148
Genesee	111	135	157	165	Saratoga	86	112	131	2/
Greene	114	130	150	168	Schenectady	98	122	142	2/
Hamilton	97	84	106	2/	Schoharie	101	110	145	166
Herkimer	101	115	148	167	Schuyler	95	107	127	143
Jefferson	99	113	137	154	Seneca	102	114	138	168
Lewis	98	109	131	151	Steuben	97	99	126	145
Livingston	110	137	157	172	Suffolk	146	176	218	2/
Madison	109	115	148	158	Sullivan	99	115	138	161
Monroe	125	142	167	162	Tioga	94	107	132	156
Montgomery	102	120	143	157	Tompkins	89	116	143	169
Nassau	152	171	223	2/	Ulster	105	132	152	157
Niagara	113	130	150	157	Warren	76	89	110	2/
Oneida	103	111	145	160	Washington	100	117	145	160
Onondaga	108	128	146	161	Wayne	104	119	149	179
Ontario	105	118	146	164	Westchester	136	163	195	2/
Orange	112	132	161	166	Wyoming	108	125	144	162
Orleans	110	131	156	155	Yates	104	113	136	158
Combinations of counties									
Albany)					Nassau)				
Schenectady)	104	122	146	161	Suffolk)	147	176	220	193
Dutchess)					Rockland)				
Putnam)	129	153	174	177	Westchester)	140	164	191	180
Fulton)					Saratoga)				
Hamilton)	90	100	120	143	Warren)	84	106	124	139
NORTH CAROLINA									
State total	37	45	60	80	Brunswick	23	25	36	2/
Alamance	60	81	89	100	Buncombe	44	51	64	80
Alexander	41	41	59	85	Burke	33	45	56	75
Alleghany	54	48	44	74	Cabarrus	59	69	87	95
Anson	31	46	61	80	Caldwell	38	52	64	81
Ashe	23	24	29	60	Camden	35	55	59	2/
Avery	20	22	33	64	Carteret	32	39	65	2/
Beaufort	31	39	47	78	Caswell	39	45	61	81
Bertie	35	40	56	79	Catawba	57	70	81	92
Bladen	26	34	47	68	Chatham	46	40	64	82

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
NORTH CAROLINA - continued									
Cherokee	15	15	21	47	Mitchell	17	24	35	54
Chowan	41	51	62	2/	Montgomery	40	36	53	73
Clay	24	20	24	48	Moore	43	50	55	83
Cleveland	53	61	68	79	Nash	36	49	64	89
Columbus	29	39	47	69	New Hanover	87	99	100	2/
Craven	33	41	61	71	Northampton	39	38	52	69
Cumberland	34	40	59	76	Onslow	31	30	48	77
Currituck	49	48	72	2/	Orange	53	61	77	93
Dare	20	69	84	2/	Pamlico	37	39	57	2/
Davidson	72	90	109	113	Pasquotank	48	61	75	2/
Davie	49	64	79	93	Pender	30	38	46	63
Duplin	32	36	52	76	Perquimans	36	46	54	2/
Durham	42	61	77	96	Person	35	40	56	76
Edgecombe	40	58	79	97	Pitt	31	54	68	87
Forsyth	64	78	100	110	Polk	27	35	49	68
Franklin	33	47	57	83	Randolph	51	58	79	92
Gaston	51	66	78	98	Richmond	37	39	71	87
Gates	38	39	60	71	Robeson	28	37	55	75
Graham	8	13	21	2/	Rockingham	41	60	74	92
Granville	41	47	64	85	Rowan	74	76	98	107
Greene	36	66	78	97	Rutherford	43	56	71	76
Guilford	65	81	97	111	Sampson	35	43	60	80
Halifax	31	46	58	73	Scotland	32	37	50	61
Harnett	38	49	62	88	Stanly	52	61	80	87
Haywood	24	31	54	81	Stokes	42	46	66	84
Henderson	39	48	65	78	Surry	35	40	58	80
Hertford	36	37	58	79	Swain	13	9	27	2/
Hoke	29	37	56	66	Transylvania	30	37	49	71
Hyde	28	25	40	2/	Tyrrell	35	28	37	2/
Iredell	56	62	87	97	Union	42	60	72	88
Jackson	16	19	27	55	Vance	38	45	76	85
Johnston	37	48	65	95	Wake	44	63	78	106
Jones	31	34	52	81	Warren	31	34	47	62
Lee	39	47	66	85	Washington	30	27	38	77
Lenoir	38	59	68	89	Watauga	20	33	45	62
Lincoln	56	66	75	89	Wayne	37	49	69	97
McDowell	28	30	40	64	Wilkes	32	37	48	67
Macon	17	19	25	54	Wilson	37	57	77	99
Madison	18	19	29	59	Yadkin	47	54	78	88
Martin	36	54	67	97	Yancey	16	16	22	58
Mecklenburg	58	75	91	103					

Combinations of counties

Brunswick)					Chowan)				
New Hanover)	32	36	54	69	Perquimans)	38	49	58	84
Camden)					Dare)				
Currituck)					Hyde)				
Pasquotank)	45	54	70	95	Tyrrell)	30	28	40	73
Carteret)					Graham)				
Pamlico)	35	39	62	85	Swain)	12	11	25	43

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
NORTH DAKOTA									
State total	94	84	111	132	McKenzie	70	68	94	117
Adams	97	88	132	2/	McLean	90	78	107	131
Barnes	101	83	109	137	Mercer	100	82	99	2/
Benson	92	91	112	133	Morton	87	85	114	132
Billings	61	58	85	2/	Mountrail	84	75	98	135
Bottineau	97	80	112	136	Nelson	112	101	129	143
Bowman	84	83	108	2/	Oliver	96	92	109	2/
Burke	89	80	109	113	Pembina	97	99	133	158
Burleigh	89	80	101	120	Pierce	93	87	114	140
Cass	107	108	138	164	Ramsey	113	92	125	143
Cavalier	96	83	107	135	Ransom	97	90	113	149
Dickey	100	83	105	126	Renville	106	81	126	147
Divide	94	83	109	131	Richland	106	96	111	145
Dunn	80	72	98	107	Rolette	72	71	83	101
Eddy	98	90	110	2/	Sargent	97	82	102	145
Emmons	88	74	96	107	Sheridan	91	85	107	112
Foster	91	88	115	2/	Sioux	50	50	77	2/
Golden Valley	100	88	134	2/	Slope	88	91	119	2/
Grand Forks	113	103	139	163	Stark	96	89	127	134
Grant	84	83	99	115	Steele	106	90	120	162
Griggs	98	77	102	136	Stutsman	82	72	96	112
Hettinger	111	98	139	153	Towner	98	91	124	145
Kidder	79	74	87	96	Traill	118	105	137	150
La Moure	92	80	103	134	Walsh	105	104	135	157
Logan	84	77	98	104	Ward	90	78	113	135
McHenry	93	82	104	139	Wells	107	94	118	133
McIntosh	99	73	94	112	Williams	82	70	103	136

Combinations of counties

Adams)					Eddy)				
Sioux)	78	74	112	119	Foster)	95	89	112	138
Billings)					Mercer)				
Golden Valley)	81	74	112	112	Oliver)	99	86	103	120
Bowman)									
Slope)	86	86	114	135					

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
OHIO									
State total	102	113	134	148	Lawrence	63	56	68	100
Adams	64	62	77	102	Licking	97	113	136	155
Allen	117	137	160	171	Logan	110	125	149	160
Ashland	113	122	148	160	Lorain	120	137	157	161
Ashtabula	104	113	135	145	Lucas	109	129	145	155
Athens	88	89	93	123	Madison	111	129	155	176
Auglaize	113	128	152	157	Mahoning	109	123	143	155
Belmont	70	81	101	125	Marion	116	135	162	158
Brown	85	86	100	125	Medina	122	132	154	157
Butler	129	138	159	169	Meigs	88	80	87	133
Carroll	93	103	122	136	Mercer	109	117	139	150
Champaign	117	144	163	167	Miami	110	134	150	162
Clark	121	145	166	179	Monroe	79	66	89	122
Clermont	93	104	130	145	Montgomery	119	136	157	168
Clinton	109	125	152	161	Morgan	85	85	99	128
Columbiana	100	111	137	151	Morrow	89	105	129	142
Coshocton	79	95	118	134	Muskingum	91	103	122	144
Crawford	122	137	163	160	Noble	86	90	96	123
Cuyahoga	126	138	167	175	Ottawa	102	116	133	145
Darke	100	117	141	156	Paulding	108	126	148	149
Defiance	120	124	144	156	Perry	92	85	105	136
Delaware	106	130	151	160	Pickaway	110	134	155	172
Erie	121	131	159	155	Pike	58	59	68	111
Fairfield	109	129	150	164	Portage	100	117	132	153
Fayette	124	137	167	189	Preble	119	134	155	162
Franklin	124	138	159	166	Putnam	132	138	170	179
Fulton	124	136	167	172	Richland	108	120	146	153
Gallia	73	72	74	120	Ross	90	96	122	145
Geauga	102	111	131	139	Sandusky	112	122	149	162
Greene	118	131	153	160	Scioto	73	76	90	114
Guernsey	77	82	97	125	Seneca	113	137	161	163
Hamilton	126	134	159	159	Shelby	109	135	153	152
Hancock	123	142	167	167	Stark	107	120	142	157
Hardin	102	119	153	152	Summit	109	125	149	153
Harrison	75	83	99	121	Trumbull	97	119	137	142
Henry	134	142	166	176	Tuscarawas	88	93	105	125
Highland	90	101	121	149	Union	106	130	152	159
Hocking	76	73	86	129	Van Wert	117	125	151	167
Holmes	81	84	94	97	Vinton	66	59	66	95
Huron	115	131	153	163	Warren	103	114	143	149
Jackson	76	67	79	105	Washington	78	69	94	115
Jefferson	75	86	111	117	Wayne	115	123	142	146
Knox	99	105	136	152	Williams	113	121	143	150
Lake	128	137	153	163	Wood	119	126	156	161
					Wyandot	118	127	161	171

Table 2.-Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
OKLAHOMA									
State total	61	62	79	105	Latimer	31	20	21	61
Adair	25	22	33	62	Le Flore	25	21	26	62
Alfalfa	110	132	155	157	Lincoln	65	62	69	91
Atoka	26	18	25	56	Logan	70	74	82	115
Beaver	102	91	118	150	Love	37	37	52	95
Beckham	78	76	99	117	McClain	53	56	66	97
Blaine	80	90	117	132	McCurtain	20	13	19	44
Bryan	32	35	45	2/	McIntosh	26	24	29	46
Caddo	70	74	92	120	Major	92	99	130	137
Canadian	89	104	123	152	Marshall	36	29	46	2/
Carter	51	42	60	2/	Mayes	41	46	61	86
Cherokee	21	23	28	50	Murray	52	45	52	2/
Choctaw	25	18	26	60	Muskogee	32	37	50	86
Cimarron	83	74	109	2/	Noble	77	84	100	135
Cleveland	74	70	79	117	Nowata	56	57	74	83
Coal	33	28	39	63	Okfuskee	38	32	44	61
Comanche	73	72	91	124	Oklahoma	77	86	105	122
Cotton	68	71	96	125	Okmulgee	41	45	64	75
Craig	59	60	64	96	Osage	71	75	94	113
Creek	42	40	61	76	Ottawa	58	57	72	99
Custer	87	95	122	146	Pawnee	60	64	81	108
Delaware	37	37	42	64	Payne	76	75	93	114
Dewey	73	82	95	134	Pittsburg	30	28	32	66
Ellis	93	90	109	135	Pontotoc	41	42	60	84
Garfield	95	119	138	156	Pottawatomie	58	58	69	95
Garvin	48	44	60	83	Pushmataha	20	16	20	54
Grady	65	63	78	111	Roger Mills	68	71	85	119
Grant	104	134	160	160	Rogers	50	53	69	99
Greer	76	76	99	120	Seminole	36	37	49	115
Harmon	83	84	105	143	Sequoyah	20	19	27	48
Harper	107	98	128	150	Stephens	55	51	67	100
Haskell	25	21	30	52	Texas	100	86	121	2/
Hughes	42	35	48	69	Tillman	90	93	115	149
Jackson	85	85	111	147	Tulsa	69	80	120	120
Jefferson	59	60	79	107	Wagoner	30	37	53	62
Johnston	36	34	33	79	Washington	64	64	88	117
Kay	92	103	127	150	Washita	88	95	125	143
Kingfisher	98	110	134	149	Woods	108	114	130	159
Kiowa	85	87	116	145	Woodward	97	97	130	139

Combinations of counties

Bryan)					Cimarron)				
Marshall)	33	33	45	89	Texas)	96	82	118	142
Carter)									
Murray)	51	43	57	92					

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
OREGON									
State total	105	112	137	150	Lake	101	113	119	2/
Baker	102	109	126	138	Lane	99	111	127	116
Benton	101	103	113	173	Lincoln	61	67	94	99
Clackamas	102	120	138	115	Linn	110	114	139	132
Clatsop	91	110	132	111	Malheur	93	94	130	111
Columbia	80	96	115	124	Marion	107	128	119	155
Coos	87	93	125	2/	Morrow	123	125	168	2/
Crook	108	127	151	2/	Multnomah	118	130	113	115
Curry	72	69	83	2/	Polk	112	121	115	118
Deschutes	92	101	134	154	Sherman	150	119	203	2/
Douglas	94	101	118	130	Tillamook	120	115	137	159
Gilliam	122	134	202	2/	Umatilla	124	129	166	174
Grant	104	119	127	2/	Union	108	111	130	2/
Harney	90	102	113	2/	Wallowa	99	99	110	2/
Hood River	139	132	190	172	Wasco	108	113	116	150
Jackson	114	112	133	111	Washington	103	117	134	114
Jefferson	90	96	96	2/	Wheeler	119	115	123	2/
Josephine	82	94	110	121	Yamhill	117	126	114	113
Klamath	115	126	158	181					
Combinations of counties									
Coos)					Grant)				
Curry)	85	89	111	121	Harney)				
					Lake)	99	112	120	157
Crook)									
Jefferson)					Union)				
Wheeler)	106	117	129	118	Wallowa)	101	105	122	130
Gilliam)									
Morrow)									
Sherman)	130	134	186	203					
PENNSYLVANIA									
State total	88	102	122	110	Cambria	72	85	106	115
Adams	94	105	135	116	Cameron	61	92	102	2/
Allegheny	101	123	115	113	Carbon	88	113	125	2/
Armstrong	78	86	98	120	Centre	98	105	120	157
Beaver	80	105	129	117	Chester	123	117	171	2/
Bedford	80	85	103	121	Clarion	97	100	121	139
Berks	89	112	137	119	Clearfield	66	80	97	121
Blair	92	101	127	139	Clinton	83	99	106	2/
Bradford	103	115	113	151	Columbia	87	99	119	118
Bucks	101	137	159	160	Crawford	79	95	117	127
Butler	81	102	121	125	Cumberland	95	101	128	116

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
PENNSYLVANIA - continued									
Dauphin	87	105	126	140	Monroe	84	108	127	2/
Delaware	132	155	172	2/	Montgomery	118	137	159	170
Elk	64	76	101	2/	Montour	84	91	101	2/
Erie	98	109	135	145	Northampton	87	121	146	162
Fayette	66	85	99	129	Northumberland	85	95	113	2/
Forest	59	72	90	2/	Perry	79	89	111	139
Franklin	105	102	134	147	Pike	93	100	128	2/
Fulton	67	67	85	106	Potter	83	98	111	146
Greene	92	91	92	122	Schuylkill	78	96	117	2/
Huntingdon	81	83	106	128	Snyder	69	78	93	115
Indiana	85	96	106	124	Somerset	103	98	118	128
Jefferson	82	89	106	121	Sullivan	75	95	113	2/
Juniata	81	79	105	130	Susquehanna	91	95	131	142
Lackawanna	90	110	137	144	Tioga	93	120	142	147
Lancaster	105	127	143	154	Union	99	110	130	142
Lawrence	99	118	134	146	Venango	89	87	114	130
Lebanon	95	119	136	155	Warren	88	89	114	140
Lehigh	92	113	139	155	Washington	90	106	121	138
Luzerne	88	101	122	138	Wayne	93	106	136	152
Lycoming	91	103	119	2/	Westmoreland	84	106	123	139
McKean	99	108	132	141	Wyoming	89	104	134	143
Mercer	92	109	128	146	York	88	99	123	128
Mifflin	82	84	101	131					

Combinations of counties

Cameron)					Lycoming)				
Clinton)	79	98	106	135	Sullivan)	88	102	118	135
Carbon)					Monroe)				
Schuylkill)	80	101	119	135	Pike)	87	106	128	143
Chester)					Montour)				
Delaware)	124	148	172	177	Northumberland)	85	94	110	135
Elk)									
Forest)	62	74	99	137					

RHODE ISLAND

State total	114	138	160	166	Providence	116	136	162	2/
Kent	107	132	148	2/	Washington	107	137	155	2/
Newport	121	147	169	2/					

Combinations of counties

Kent)					Newport)				
Providence)	114	135	159	167	Washington)	114	142	162	165

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
SOUTH CAROLINA									
State total	30	41	55	76	Greenwood	28	56	71	99
Abbeville	30	40	55	84	Hampton	30	27	41	2/
Aiken	35	50	64	83	Horry	25	35	54	81
Allendale	24	37	57	2/	Jasper	26	20	32	57
Anderson	40	59	74	92	Kershaw	25	36	43	70
Bamberg	24	38	46	70	Lancaster	30	45	54	71
Barnwell	30	37	50	66	Laurens	36	56	79	89
Beaufort	17	17	27	34	Lee	26	47	52	70
Berkeley	16	19	31	53	Lexington	56	66	86	104
Calhoun	29	48	60	77	McCormick	23	26	33	53
Charleston	29	37	48	73	Marion	27	43	57	92
Cherokee	38	47	63	84	Marlboro	32	42	57	77
Chester	31	42	51	78	Newberry	43	57	75	97
Chesterfield	28	39	57	79	Oconee	24	34	49	70
Clarendon	19	34	36	54	Orangeburg	31	46	51	76
Colleton	20	28	47	63	Pickens	34	53	73	91
Darlington	32	48	66	90	Richland	34	48	70	88
Dillon	31	45	65	92	Saluda	38	48	61	91
Dorchester	24	31	42	65	Spartanburg	43	56	79	91
Edgefield	33	46	55	82	Sumter	24	40	48	65
Fairfield	27	32	41	61	Union	29	36	55	76
Florence	26	45	59	80	Williamsburg	19	29	45	53
Georgetown	18	21	39	54	York	36	48	57	84
Greenville	43	65	86	95					

Combination of counties

Allendale)				
Hampton)	28	31	48	62

SOUTH DAKOTA

State total	98	88	108	139	Davison	127	97	115	161
Armstrong	39	62	22	2/	Day	104	88	108	138
Aurora	125	107	118	156	Deuel	103	89	101	125
Beadle	110	80	106	153	Dewey	57	57	68	2/
Bennett	55	62	76	2/	Douglas	132	107	133	164
Bon Homme	128	101	122	137	Edmunds	98	81	106	129
Brookings	116	103	126	171	Fall River	92	95	97	2/
Brown	111	91	123	151	Faulk	110	93	130	2/
Brule	107	96	111	2/	Grant	94	89	112	142
Buffalo	81	75	115	2/	Gregory	101	92	110	136
Butte	85	90	119	2/	Haakon	88	85	100	2/
Campbell	105	83	106	2/	Hamlin	98	93	110	156
Charles Mix	115	89	112	143	Hand	110	90	118	153
Clark	108	87	105	138	Hanson	126	99	122	154
Clay	133	119	155	175	Harding	67	82	91	2/
Codington	105	89	112	153	Hughes	79	71	78	2/
Corson	57	53	74	2/	Hutchinson	130	105	128	157
Custer	84	86	88	2/	Hyde	90	82	113	2/

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
SOUTH DAKOTA - continued									
Jackson	76	70	89	2/	Perkins	74	73	98	96
Jerauld	119	90	113	2/	Potter	94	86	118	2/
Jones	79	72	94	2/	Roberts	94	87	107	151
Kingsbury	115	96	120	162	Sanborn	118	97	120	140
Lake	128	108	135	168	Shannon	28	44	34	2/
Lawrence	97	86	107	2/	Spink	117	92	124	149
Lincoln	136	123	149	180	Stanley	69	66	84	2/
Lyman	82	89	105	2/	Sully	87	75	94	2/
McCook	126	104	126	156	Todd	53	63	78	2/
McPherson	111	95	122	126	Tripp	88	88	110	131
Marshall	91	71	94	134	Turner	133	105	131	151
Meade	85	80	96	134	Union	127	118	154	186
Mellette	54	59	77	2/	Walworth	107	97	123	2/
Miner	117	84	103	145	Washabaugh	39	57	57	2/
Minnehaha	138	127	162	186	Yankton	123	99	126	175
Moody	126	115	145	164	Ziebach	51	52	54	2/
Pennington	93	83	100	144					

Combinations of counties

Armstrong)					Custer)				
Dewey)					Fall River)	89	90	93	127
Stanley)	60	61	73	94					
					Faulk)				
Bennett)					Hyde)	102	88	124	148
Shannon)	44	52	51	95					
					Haakon)				
Brule)					Jackson)				
Buffalo)					Washabaugh)	70	74	87	125
Jerauld)	108	91	112	137					
					Hughes)				
Butte)					Potter)				
Harding)					Sully)	87	79	99	143
Lawrence)	81	87	108	156					
					Jones)				
Campbell)					Lyman)	82	84	101	126
Walworth)	106	90	115	134					
					Mellette)				
Corson)					Todd)	54	61	77	109
Ziebach)	55	53	67	86					

TENNESSEE

State total	35	36	50	78	Bradley	52	44	70	104
Anderson	30	37	57	83	Campbell	24	25	39	69
Bedford	59	62	85	107	Cannon	37	35	45	78
Benton	26	16	26	74	Carroll	46	42	52	88
Bledsoe	22	21	27	57	Carter	23	27	44	69
Blount	43	49	70	103					

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
TENNESSEE - continued									
Cheatham	34	35	51	78	McMinn	34	41	51	84
Chester	42	36	41	91	McNairy	33	23	32	69
Claiborne	22	19	33	60	Macon	48	48	53	81
Clay	25	19	27	53	Madison	38	40	53	79
Cocke	22	22	42	59	Marion	27	38	54	84
Coffee	34	31	45	79	Marshall	58	68	96	117
Crockett	40	33	50	92	Maury	50	64	81	107
Cumberland	18	28	36	52	Meigs	34	38	39	69
Davidson	69	90	114	127	Monroe	26	28	43	76
Decatur	36	30	40	72	Montgomery	30	46	67	101
De Kalb	34	28	39	71	Moore	37	50	59	2/
Dickson	30	33	45	86	Morgan	23	24	35	46
Dyer	36	47	66	95	Obion	54	65	85	119
Fayette	19	14	25	43	Overton	19	11	14	47
Fentress	19	14	20	42	Perry	36	20	35	2/
Franklin	38	44	60	91	Pickett	32	8	17	39
Gibson	56	54	75	111	Polk	30	28	40	75
Giles	34	40	55	88	Putnam	30	28	35	65
Grainger	24	18	31	63	Rhea	32	34	45	77
Greene	46	45	52	70	Roane	35	38	61	94
Grundy	22	25	37	55	Robertson	42	54	71	108
Hamblen	45	44	70	104	Rutherford	50	58	76	104
Hamilton	39	56	78	98	Scott	13	14	23	37
Hancock	17	15	30	48	Sequatchie	26	18	43	2/
Hardeman	25	18	23	50	Sevier	27	25	29	63
Hardin	27	20	25	69	Shelby	36	52	59	77
Hawkins	30	33	46	79	Smith	55	51	70	108
Haywood	24	22	31	63	Stewart	28	21	35	2/
Henderson	47	37	44	74	Sullivan	45	53	67	92
Henry	51	47	64	92	Sumner	51	55	69	94
Hickman	36	31	38	74	Tipton	26	31	38	67
Houston	19	23	34	2/	Trousdale	60	75	81	113
Humphreys	32	25	39	68	Unicoi	17	25	51	65
Jackson	34	31	42	67	Union	24	25	30	55
Jefferson	44	39	65	94	Van Buren	19	16	24	2/
Johnson	28	25	52	66	Warren	34	32	51	76
Knox	56	74	96	103	Washington	47	52	65	85
Lake	35	72	95	90	Wayne	20	13	17	49
Lauderdale	23	22	36	67	Weakley	58	58	73	113
Lawrence	32	20	35	72	White	29	24	43	68
Lewis	31	22	39	2/	Williamson	54	56	75	100
Lincoln	42	45	62	2/	Wilson	62	64	78	105
Loudon	42	45	76	99					

Combinations of counties

Houston)					Lincoln)				
Stewart)	25	22	34	59	Moore)	41	46	62	100
Lewis)					Sequatchie)				
Perry)	35	22	36	55	Van Buren)	21	17	33	63

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
TEXAS									
State total	68	76	98	127	Concho	87	102	138	2/
Anderson	30	31	42	70	Cooke	67	72	93	122
Andrews	114	94	108	2/	Coryell	86	78	93	128
Angelina	41	36	59	88	Cottle	64	71	95	2/
Arañas	57	75	73	2/	Crane	131	105	137	2/
Archer	82	83	104	2/	Crockett	151	206	242	2/
Armstrong	119	126	157	2/	Crosby	58	76	106	165
Atascosa	51	51	63	2/	Culberson	136	154	162	2/
Austin	68	79	97	127	Dallam	82	85	128	2/
Bailey	61	89	109	137	Dallas	70	100	121	134
Bandera	96	108	125	2/	Dawson	55	77	108	167
Bastrop	42	42	59	91	Deaf Smith	95	93	152	2/
Baylor	66	73	94	2/	Delta	54	63	75	108
Bee	58	64	88	126	Denton	66	83	101	119
Bell	72	83	93	121	De Witt	69	76	92	116
Bexar	69	92	108	138	Dickens	56	62	75	2/
Blanco	96	110	117	2/	Dimmit	97	84	113	2/
Borden	62	87	105	2/	Donley	79	91	115	2/
Bosque	75	75	95	113	Duval	27	32	35	2/
Bowie	28	36	57	74	Eastland	62	60	80	98
Brazoria	46	61	96	128	Ector	113	161	150	2/
Brazos	37	51	63	88	Edwards	161	141	134	2/
Brewster	100	110	126	2/	Ellis	64	77	93	126
Briscoe	70	72	112	2/	El Paso	95	143	171	216
Brooks	41	43	57	2/	Erath	73	69	90	100
Brown	81	64	84	107	Falls	53	64	73	104
Burleson	36	45	57	89	Fannin	51	64	82	106
Burnet	100	110	136	140	Fayette	66	69	84	110
Caldwell	53	56	76	118	Fisher	64	83	105	139
Calhoun	62	86	104	2/	Floyd	85	94	107	180
Callahan	72	68	85	107	Foard	78	84	98	2/
Cameron	69	74	99	143	Fort Bend	41	51	80	110
Camp	33	34	56	69	Franklin	48	37	47	86
Carson	110	110	179	2/	Freestone	32	30	36	65
Cass	29	24	37	58	Frio	58	61	95	2/
Castro	85	91	137	2/	Gaines	65	64	78	2/
Chambers	51	77	93	2/	Galveston	69	86	119	2/
Cherokee	38	36	46	70	Garza	59	89	113	2/
Childress	70	76	110	2/	Gillespie	101	119	130	152
Clay	79	79	91	124	Glasscock	87	129	149	2/
Cochran	54	68	99	2/	Goliad	57	63	82	127
Coke	85	88	103	2/	Gonzales	50	62	90	108
Coleman	81	80	103	129	Gray	110	98	126	2/
Collin	62	81	97	120	Grayson	61	74	92	111
Collingsworth	68	77	101	2/	Gregg	35	43	84	96
Colorado	53	59	82	118	Grimes	31	35	49	79
Comal	95	102	116	2/	Guadalupe	62	71	83	121
Comanche	71	66	91	115	Hale	79	88	114	168

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
TEXAS - continued									
Hall	66	73	113	157	Leon	21	23	29	65
Hamilton	87	87	99	125	Liberty	34	41	62	2/
Hansford	100	134	252	2/	Limestone	52	53	68	96
Hardeman	72	73	94	2/	Lipscomb	116	121	184	2/
Hardin	41	43	60	97	Live Oak	54	61	75	116
Harris	61	88	118	128	Llano	103	109	119	2/
Harrison	22	23	37	60	Loving	96	92	129	2/
Hartley	101	106	160	2/	Lubbock	68	102	124	161
Haskell	64	67	92	116	Lynn	54	96	121	170
Hays	65	69	94	120	McCulloch	94	105	126	146
Hemphill	122	121	137	2/	McLennan	62	81	98	135
Henderson	37	34	46	72	McMullen	53	72	46	2/
Hidalgo	67	73	90	147	Madison	32	29	50	81
Hill	69	83	94	133	Marion	19	14	19	62
Hockley	52	81	111	162	Martin	60	79	102	2/
Hood	77	74	102	2/	Mason	98	124	138	2/
Hopkins	52	51	69	85	Matagorda	47	52	85	2/
Houston	19	22	35	64	Maverick	137	90	129	2/
Howard	64	80	111	2/	Medina	76	82	115	128
Hudspeth	67	119	149	2/	Menard	123	121	136	2/
Hunt	58	78	93	2/	Midland	80	102	111	2/
Hutchinson	108	88	165	2/	Milam	51	58	73	106
Irion	146	154	162	2/	Mills	87	82	100	122
Jack	80	68	82	113	Mitchell	69	85	106	134
Jackson	48	68	88	113	Montague	62	56	69	87
Jasper	29	26	48	97	Montgomery	25	37	51	81
Jeff Davis	190	196	130	2/	Moore	93	81	218	2/
Jefferson	76	110	131	145	Morris	28	25	33	62
Jim Hogg	44	55	73	2/	Motley	55	68	87	2/
Jim Wells	50	70	76	107	Nacogdoches	34	31	40	71
Johnson	67	82	111	121	Navarro	52	62	69	108
Jones	75	70	106	156	Newton	26	19	34	64
Karnes	55	62	77	117	Nolan	78	89	105	135
Kaufman	45	54	79	103	Nueces	83	106	143	166
Kendall	104	116	124	2/	Ochiltree	116	105	228	2/
Kenedy	312	417	457	2/	Oldham	132	97	196	2/
Kent	65	75	89	2/	Orange	61	80	107	2/
Kerr	115	119	144	2/	Palo Pinto	78	75	87	111
Kimble	111	114	121	2/	Panola	27	28	35	65
King	77	81	107	2/	Parker	68	66	84	117
Kinney	129	124	139	2/	Parmer	74	104	128	2/
Kleberg	68	89	121	2/	Pecos	101	128	138	2/
Knox	61	81	111	155	Polk	22	23	34	59
Lamar	41	47	65	91	Potter	91	122	176	2/
Lamb	63	91	113	152	Presidio	33	45	76	2/
Lampasas	98	99	127	147	Rains	29	33	54	72
La Salle	45	62	88	2/	Randall	92	104	152	2/
Lavaca	63	61	72	107	Reagan	141	192	212	2/
Lee	49	49	70	96	Real	105	86	106	2/

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
TEXAS -- continued									
Red River	35	36	45	77	Titus	37	32	51	69
Reeves	68	94	96	2/	Tom Green	93	95	129	2/
Refugio	65	92	139	2/	Travis	67	85	107	132
Roberts	156	136	211	2/	Trinity	29	22	46	62
Robertson	32	31	43	81	Tyler	32	27	39	75
Rockwall	66	91	91	2/	Upshur	27	30	46	67
Runnels	87	90	116	147	Upton	116	144	173	2/
Rusk	32	36	50	78	Uvalde	90	103	119	2/
Sabine	35	32	54	59	Val Verde	174	152	197	2/
San Augustine	26	20	35	48	Van Zandt	51	41	49	87
San Jacinto	17	15	23	42	Victoria	53	71	86	120
San Patricio	81	107	126	2/	Walker	20	23	38	64
San Saba	88	76	99	123	Waller	34	33	61	89
Schleicher	132	144	169	2/	Ward	63	89	78	2/
Scurry	70	80	104	130	Washington	58	64	87	111
Shackelford	89	88	106	2/	Webb	53	78	130	2/
Shelby	36	27	42	77	Wharton	52	62	90	126
Sherman	98	115	260	2/	Wheeler	70	70	82	116
Smith	33	38	58	85	Wichita	81	98	116	138
Somervell	51	60	75	2/	Wilbarger	73	90	101	155
Starr	15	11	13	2/	Willacy	52	67	84	170
Stephens	62	65	74	2/	Williamson	80	90	107	130
Sterling	143	163	170	2/	Wilson	69	64	80	122
Stonewall	56	68	80	2/	Winkler	83	136	118	2/
Sutton	168	189	213	2/	Wise	63	62	80	101
Swisher	94	83	135	168	Wood	39	38	49	83
Tarrant	77	105	121	149	Yoakum	51	61	75	2/
Taylor	78	80	107	132	Young	70	64	86	118
Terrell	128	161	166	2/	Zapata	13	18	28	2/
Terry	49	69	102	2/	Zavala	107	115	136	2/
Throckmorton	87	78	101	2/					

Combinations of counties

Andrews)					Armstrong)				
Crane)					Briscoe)	89	96	130	161
Ector)									
Gaines)					Atascosa)				
Midland)					Frio)	53	54	70	100
Winkler)	79	89	99	137					
					Bandera)				
Aransas)					Kerr)	105	114	136	144
Refugio)									
San Patricio)	77	101	126	170	Baylor)				
					Foard)	71	78	96	133
Archer)									
Throckmorton)	85	81	103	152	Blanco)				
					Llano)				
					Mason)	99	115	125	140

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
TEXAS - continued									
Combinations of counties - continued									
Borden)					Comal)				
Barza)					Kendall)	99	109	119	139
Kent)									
Stonewall)	60	78	96	134	Cottle)				
					Motley)	60	70	90	141
Brewster)									
Culberson)					Crockett)				
Hudspeth)					Edwards)				
Jeff Davis)					Glasscock)				
Loving)					Irion)				
Pecos)					Kinney)				
Presidio)					Reagan)				
Reeves)					Sterling)				
Ward)	76	100	110	167	Sutton)				
					Terrell)				
Brooks)					Upton)				
Jim Hogg)					Val Verde)	147	158	177	181
Kenedy)									
Kleberg)					Dallam)				
Starr)	35	41	45	72	Hartley)				
					Moore)				
Calhoun)					Sherman)	90	97	177	186
Matagorda)	51	58	88	112					
					Deaf Smith)				
Carson)					Oldham)	102	94	159	164
Gray)	110	103	149	161					
					Dickens)				
Castro)					King)	58	64	77	140
Parmer)	79	98	133	166					
					Dimmit)				
Chambers)					Maverick)				
Galveston)	61	84	111	142	Zavala)	106	96	126	165
Childress)					Duval)				
Hardeman)	71	75	102	133	McMullen)	30	35	37	73
Cochran)					Hansford)				
Terry)					Hutchinson)				
Yoakum)	50	68	98	137	Ochiltree)	109	112	223	198
Coke)					Hemphill)				
Concho)					Lipscomb)				
Tom Green)	89	94	126	145	Roberts)	123	123	168	168
Collingsworth)					Hood)				
Donley)	72	83	106	137	Somervell)	70	70	94	110

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
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TEXAS - continued

Combinations of counties - continued

Howard)					Liberty)				
Martin)	62	80	106	151	Orange)	39	56	79	108
Hunt)					Potter)				
Rockwall)	59	79	93	116	Randall)	92	110	164	168
Kimble)					Real)				
Menard)					Uvalde)	94	99	114	157
Schleicher)	120	125	138	159					
La Salle)					Shackelford)				
Webb)					Stephens)	73	75	86	114
Zapata)	41	55	84	94					

UTAH ^{1/}

State total	87	90	106	133	Morgan	123	116	137	2/
Beaver	95	84	78	2/	Piute	69	73	100	2/
Box Elder	105	115	140	165	Rich	115	114	126	2/
Cache	117	122	147	168	Salt Lake	115	119	147	149
Carbon	69	77	98	2/	Sanpete	82	71	95	133
Daggett	60	54	64	2/	Sevier	87	106	114	161
Davis	126	124	150	153	Summit	127	110	147	2/
Duchesne	48	70	97	103	Tooele	91	80	114	2/
Emery	60	54	70	2/	Uintah	60	71	92	2/
Garfield	72	53	60	2/	Utah	106	101	128	145
Grand	60	70	101	2/	Wasatch	109	119	146	2/
Iron	75	87	87	2/	Washington	68	73	63	2/
Juab	66	83	71	2/	Wayne	55	89	98	2/
Kane	56	50	51	2/	Weber	119	130	150	163
Millard	78	83	95	2/					

Combinations of counties

Beaver)					Juab)				
Iron)					Millard)				
Piute)	80	83	88	126	Tooele)	79	82	94	129
Carbon)					Kane)				
Emery)					Washington)	66	68	60	106
Grand)	62	63	81	120					
Daggett)					Morgan)				
Uintah)	59	70	90	115	Rich)				
					Summit)				
Garfield)					Wasatch)	119	114	141	154
Wayne)	65	66	77	97					

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
VERMONT									
State total	101	107	126	150	Lamoille	87	98	117	144
Addison	109	115	132	157	Orange	95	95	105	136
Bennington	96	113	132	145	Orleans	102	103	124	154
Caledonia	105	109	124	2/	Rutland	100	109	120	141
Chittenden	109	116	137	160	Washington	102	102	133	143
Essex	90	87	116	2/	Windham	98	105	120	155
Franklin	110	112	140	2/	Windsor	102	112	124	148
Grand Isle	97	109	130	2/					
Combinations of counties									
Caledonia)					Franklin)				
Essex)	102	104	122	158	Grand Isle)	107	111	138	154
VIRGINIA									
State total	51	58	73	99	Fluvanna	39	45	58	75
Accomack	67	69	106	2/	Franklin	47	47	57	92
Albemarle	56	69	85	108	Frederick	78	83	102	118
Alleghany	72	74	90	2/	Giles	57	53	63	89
Amelia	37	46	59	75	Gloucester	45	39	68	87
Amherst	27	39	54	76	Goochland	38	46	56	2/
Appomattox	35	44	51	88	Grayson	52	53	52	82
Augusta	108	105	119	143	Greene	34	28	41	2/
Bath	81	77	84	2/	Greensville	33	35	46	74
Bedford	41	50	66	99	Halifax	31	32	46	66
Bland	54	47	52	2/	Hanover	51	57	83	96
Botetourt	66	74	91	121	Henrico	72	95	118	135
Brunswick	34	38	54	74	Henry	30	42	51	90
Buchanan	17	17	27	58	Highland	90	89	83	2/
Buckingham	32	28	35	64	Isle of Wight	48	57	82	119
Campbell	34	50	65	94	James City	55	72	93	2/
Caroline	43	50	69	95	King and				
Carroll	45	41	41	72	Queen	42	44	50	79
Charles City	39	48	48	2/	King George	43	46	60	2/
Charlotte	33	31	46	81	King William	49	52	66	2/
Chesterfield	62	82	100	132	Lancaster	48	54	60	2/
Clarke	92	107	130	2/	Lee	25	23	36	77
Craig	69	84	96	2/	Loudoun	90	101	110	147
Culpeper	64	76	91	2/	Louisa	40	46	56	98
Cumberland	39	36	54	79	Lunenburg	35	41	57	83
Dickenson	14	22	35	65	Madison	60	64	82	2/
Dinwiddie	45	52	68	89	Mathews	39	51	66	2/
Elizabeth City	66	110	128	2/	Mecklenburg	34	40	52	74
Essex	39	46	56	2/	Middlesex	46	48	62	2/
Fairfax	83	108	135	138	Montgomery	56	60	79	108
Fauquier	72	75	93	127	Nansemond	45	57	75	106
Floyd	69	63	70	100	Nelson	34	39	50	75

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
VIRGINIA - continued									
New Kent	42	53	61	2/	Rockingham	103	112	131	147
Norfolk	67	87	111	142	Russell	23	27	35	73
Northampton	95	99	128	2/	Scott	12	18	25	58
Northumberland	56	60	66	89	Shenandoah	88	96	117	122
Nottoway	39	56	64	80	Smyth	51	48	71	99
Orange	58	65	77	116	Southampton	38	38	56	81
Page	60	71	91	98	Spotsylvania	51	61	75	95
Patrick	35	29	34	73	Stafford	51	58	67	91
Pittsylvania	34	40	52	77	Surry	48	51	68	2/
Powhatan	43	44	69	2/	Sussex	43	48	65	89
Prince Edward	32	37	49	85	Tazewell	44	58	61	81
Prince George	50	57	70	2/	Warren	66	61	79	2/
Prince William	78	75	99	143	Warwick	66	87	118	2/
Princess Anne	61	91	109	128	Washington	45	48	61	84
Pulaski	58	66	79	104	Westmoreland	47	47	66	86
Rappahannock	49	58	76	2/	Wise	23	30	43	81
Richmond	46	48	62	2/	Wythe	67	73	82	2/
Roanoke	74	97	115	127	York	52	70	96	2/
Rockbridge	79	78	91	108					

Combinations of counties

Accomack) Northampton)	74	77	113	136	Essex) King George)	40	46	58	79
Alleghany) Craig)	70	79	93	114	Goochland) Powhatan)	40	45	62	95
Bath) Highland)	85	82	84	106	Greene) Madison)	50	48	69	102
Bland) Wythe)	63	65	74	97	King William) New Kent)	47	52	65	95
Charles City) Elizabeth City)					Lancaster) Richmond)	48	50	61	92
James City) Warwick)					Mathews) Middlesex)	42	48	65	95
York)	53	75	93	116					
Clarke) Warren)	78	80	100	127	Prince George) Surry)	49	53	69	107
Culpeper) Rappahannock)	59	68	85	110					

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
WASHINGTON									
State total	107	113	147	154	Klickitat	98	100	127	146
Adams	126	138	214	2/	Lewis	97	103	122	131
Asotin	110	126	151	2/	Lincoln	122	144	194	211
Benton	111	113	147	140	Mason	84	85	111	2/
Chelan	151	134	197	171	Okanogan	89	101	138	144
Clallam	91	99	117	145	Pacific	86	99	119	2/
Clark	106	115	127	136	Pend Oreille	50	54	85	2/
Columbia	143	145	194	2/	Pierce	104	113	136	142
Cowlitz	76	102	121	2/	San Juan	99	112	129	2/
Douglas	126	118	177	2/	Skagit	127	127	159	159
Ferry	46	53	67	2/	Skamania	68	79	107	2/
Franklin	122	126	187	2/	Snohomish	114	115	132	139
Garfield	158	154	208	2/	Spokane	101	110	137	152
Grant	105	120	152	2/	Stevens	76	75	101	2/
Grays Harbor	90	99	115	124	Thurston	98	109	132	139
Island	109	118	158	2/	Wahkiakum	103	116	138	2/
Jefferson	85	90	99	2/	Walla Walla	134	139	192	185
King	119	121	140	153	Whatcom	121	126	150	153
Kitsap	99	109	131	139	Whitman	140	155	217	208
Kittitas	130	125	167	159	Yakima	117	125	172	158

Combinations of counties

Adams)					Ferry)				
Franklin)	125	133	205	219	Pend Oreille)				
					Stevens)	67	68	94	110
Asotin)					Island)				
Columbia)					San Juan)	106	116	148	154
Garfield)	134	140	179	170					
Cowlitz)					Jefferson)				
Skamania)	74	99	119	130	Mason)	84	87	107	131
Douglas)					Pacific)				
Grant)	118	118	169	185	Wahkiakum)	92	106	126	138

WEST VIRGINIA

State total	54	55	66	87	Doddridge	53	45	60	84
Barbour	46	58	66	87	Fayette	41	50	69	88
Berkeley	88	87	108	2/	Gilmer	52	37	49	68
Boone	21	34	47	2/	Grant	66	50	67	2/
Braxton	38	24	27	47	Greenbrier	58	53	66	89
Brooke	78	100	109	2/	Hampshire	69	59	73	2/
Cabell	34	44	63	81	Hancock	80	104	127	2/
Calhoun	55	43	49	2/	Hardy	75	71	98	106
Clay	27	20	31	55	Harrison	72	85	99	131

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
WEST VIRGINIA - continued									
Jackson	62	55	63	75	Pleasants	58	53	79	2/
Jefferson	95	97	120	2/	Pocahontas	64	50	57	98
Kanawha	39	54	70	90	Preston	72	65	73	96
Lewis	63	66	74	89	Putnam	39	36	48	79
Lincoln	20	13	19	44	Raleigh	31	49	60	79
Logan	16	23	34	2/	Randolph	49	51	62	81
McDowell	13	33	32	48	Ritchie	70	55	61	81
Marion	75	78	91	105	Roane	71	63	64	86
Marshall	80	75	87	130	Summers	49	36	37	73
Mason	51	46	53	88	Taylor	64	71	82	102
Mercer	43	49	63	75	Tucker	38	40	50	2/
Mineral	68	72	78	2/	Tyler	66	63	65	77
Mingo	18	29	42	60	Upshur	40	38	49	74
Monongalia	78	80	88	99	Wayne	18	19	33	61
Monroe	55	49	56	83	Webster	32	26	33	53
Morgan	46	59	73	2/	Wetzel	56	49	61	78
Nicholas	44	34	39	70	Wirt	55	47	46	2/
Ohio	105	117	131	2/	Wood	73	75	85	2/
Pendleton	80	79	85	110	Wyoming	12	27	32	65
Combinations of counties									
Berkeley)					Calhoun)				
Jefferson)					Wirt)	55	44	48	55
Morgan)	80	84	104	125					
Boone)					Grant)				
Logan)	19	29	41	64	Tucker)	54	45	60	80
Brooke)					Hampshire)				
Hancock)					Mineral)	69	65	75	101
Ohio)	91	108	124	150					
					Pleasants)				
					Wood)	69	71	84	94
WISCONSIN									
State total	106	107	131	149	Columbia	124	122	154	172
Adams	89	83	101	128	Crawford	112	108	140	153
Ashland	64	60	71	100	Dane	134	140	168	184
Barron	110	99	132	152	Dodge	132	140	164	174
Bayfield	67	61	80	122	Door	102	105	129	147
Brown	109	122	145	156	Douglas	60	75	104	119
Buffalo	129	136	156	167	Dunn	115	103	131	142
Burnett	92	87	111	136	Eau Claire	108	102	129	141
Calumet	131	136	157	164	Florence	75	75	94	2/
Chippewa	96	90	116	140	Fond du Lac	122	132	159	168
Clark	90	89	113	132	Forest	59	48	67	2/

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
WISCONSIN - continued									
Grant	133	136	167	173	Pierce	108	112	137	160
Green	114	143	175	185	Polk	113	104	136	162
Green Lake	114	111	135	166	Portage	87	83	99	132
Iowa	131	135	167	178	Price	70	63	92	108
Iron	42	47	69	2/	Racine	132	147	170	172
Jackson	108	96	121	143	Richland	116	113	135	145
Jefferson	126	139	163	174	Rock	129	142	169	183
Juneau	91	87	109	136	Rusk	65	71	94	120
Kenosha	134	150	169	162	St. Croix	117	111	139	160
Kewaunee	118	129	151	153	Sauk	129	122	146	161
La Crosse	129	133	153	165	Sawyer	64	55	72	107
Lafayette	127	126	163	171	Shawano	104	106	132	149
Langlade	94	89	111	134	Sheboygan	121	131	158	175
Lincoln	81	86	107	131	Taylor	73	70	99	129
Manitowoc	125	139	157	169	Trempealeau	122	121	142	150
Marathon	90	90	115	135	Vernon	110	108	128	149
Marinette	65	74	95	123	Vilas	77	78	95	2/
Marquette	112	105	116	140	Walworth	139	152	182	177
Milwaukee	128	144	157	170	Washburn	77	69	91	126
Monroe	103	102	128	150	Washington	128	133	153	154
Oconto	79	84	109	131	Waukesha	144	148	168	176
Oneida	72	67	87	2/	Waupaca	119	119	143	161
Outagamie	121	132	156	168	Waushara	102	88	113	141
Ozaukee	127	142	158	166	Winnebago	124	134	155	168
Pepin	124	123	149	167	Wood	99	102	126	154

Combinations of counties

Florence)					Iron)				
Forest)	65	59	79	107	Oneida)				
					Vilas)	64	63	83	126

WYOMING

State total	85	101	124	141	Lincoln	80	105	136	2/
Albany	91	114	131	2/	Natrona	92	117	149	2/
Big Horn	84	103	134	2/	Niobrara	83	99	111	2/
Campbell	61	81	96	2/	Park	109	124	143	143
Carbon	123	132	157	2/	Platte	78	98	118	2/
Converse	80	97	113	2/	Sheridan	83	107	133	135
Crook	76	75	94	2/	Sublette	91	108	130	2/
Fremont	65	61	90	2/	Sweetwater	68	100	107	2/
Goshen	78	101	128	153	Teton	67	94	126	2/
Hot Springs	90	81	96	2/	Uinta	92	102	135	2/
Johnson	89	99	115	2/	Washakie	123	147	170	2/
Laramie	98	110	134	2/	Weston	71	92	113	2/

Table 2.--Farm operator family level-of-living indexes ... continued

Area	1930	1940	1945	1950	Area	1930	1940	1945	1950
WYOMING - continued									
Combinations of counties									
Albany)					Crook)				
Carbon)					Niobrara)				
Natrona)					Weston)	77	86	104	124
Sweetwater)	97	119	141	153					
					Fremont)				
Big Horn)					Hot Springs)	71	64	89	118
Washakie)	94	114	143	147					
					Lincoln)				
Campbell)					Sublette)				
Johnson)	69	87	103	133	Teton)				
					Uinta)	83	103	134	144
Converse)									
Laramie)									
Platte)	85	103	124	149					

1/ Indexes are not shown for 11 counties in Arizona, 9 in New Mexico, and 1 in Utah, or for the totals of Arizona and New Mexico because Indians on reservations were not treated the same in each census.

2/ Index not computed separately for this county in 1950; see combinations of counties following the listing of counties in each state.

Table 3. Average county index of farm operator family level-of-living for state economic areas, 1930, 1940, 1945, and 1950.
(U.S. county average for 1945 equals 100)

State and area	1930	1940	1945	1950
United States	75	79	100	122
Alabama	26	25	38	64
Area				
1	30	30	44	75
2	33	28	41	68
3	32	38	56	80
4	29	27	42	68
5	28	22	35	64
6	14	12	21	37
7a	24	22	36	65
7b	18	11	21	43
8	34	32	52	76
Metropolitan				
A	46	57	80	103
B	19	16	31	44
C	21	33	44	66
D	52	49	66	95
Arizona	-	-	-	-
Area				
2b	68	84	100	120
Arkansas	29	25	37	68
Area				
1a	56	51	71	106
1b	27	23	33	60
2	35	29	42	73
3	28	23	35	71
4	31	25	37	71
5	28	22	31	60
6	32	24	36	65
7a	25	27	43	75
7b	36	36	54	84
8a	16	21	28	56
8b	17	14	24	52
Metropolitan				
A	31	46	64	88

Table 3. Average county index of farm operator family level-of-living for state economic areas ... continued

State and area	1930	1940	1945	1950
California	118	131	161	170
Area				
1	100	109	127	146
2	126	136	162	171
3	131	145	185	199
4	126	142	174	183
5	124	140	171	170
6	128	153	205	218
7	164	180	217	232
8	112	132	173	198
9	98	109	124	138
Metropolitan				
A	132	149	185	184
B	132	146	177	173
C	131	142	174	164
D	133	155	203	183
E	113	140	187	188
F	140	132	176	169
G	113	115	145	158
H	117	126	151	158
Colorado	87	96	122	149
Area				
1	84	93	118	146
2a	78	81	107	130
2b	86	96	124	162
3	118	122	159	185
4	90	93	116	138
5	83	91	118	141
Metropolitan				
A	108	122	146	178
Connecticut	117	138	170	175
Area				
1	124	155	173	185
2	106	129	161	172
Metropolitan				
A	123	134	174	162
B	129	144	174	174
C	138	154	195	191

Table 3. Average county index of farm operator family level-of-living for state economic areas ... continued

State and area	1930	1940	1945	1950
Delaware	84	100	136	158
Area				
1	76	90	132	154
Metropolitan				
A	100	119	146	164
Florida	45	53	76	105
Area				
1	24	23	38	66
2	46	48	63	89
3	28	28	39	67
4	60	69	93	129
5	55	61	101	121
6	56	85	111	154
Metropolitan				
A	68	88	122	146
B	69	87	118	119
C	65	102	151	189
Georgia	30	37	52	80
Area				
1	34	45	58	81
2	23	23	41	69
3	31	36	55	85
4a	31	45	56	87
4b	25	33	49	76
5	29	36	50	78
6	23	32	45	75
7a	28	35	46	70
7b	29	35	48	83
8	32	35	48	77
9	32	36	49	74
Metropolitan				
A	39	56	67	83
B	46	69	93	115
C	34	54	94	112
D	44	59	101	115
E	58	88	99	112
Idaho	92	100	129	147
Area				
1	78	81	106	128
2	90	101	128	146
3a	108	118	144	154
3b	110	120	148	164
4	93	105	140	159

Table 3. Average county index of farm operator family level-of-living
for state economic areas ... continued

State and area	1930	1940	1945	1950
Illinois	107	113	139	156
Area				
1	131	142	175	187
2	124	142	182	182
3	133	139	170	183
4	100	101	124	145
5	129	143	173	188
6a	120	122	153	174
6b	124	131	163	176
7	95	102	121	148
8	81	82	94	119
9	94	94	115	133
10	66	70	86	112
11	52	53	66	94
Metropolitan				
A	134	139	166	180
B	132	140	174	181
C	130	145	177	180
D	130	142	168	171
E	113	127	159	180
F	102	111	136	152
Indiana	100	111	134	149
Area				
1	112	121	147	156
2a	107	110	144	155
2b	114	127	154	169
3	103	125	145	157
4	116	136	162	166
5	110	133	155	166
6	86	92	115	139
7	73	70	86	110
8	84	89	106	122
Metropolitan				
A	121	120	148	155
B	108	121	141	152
C	118	135	154	158
D	112	133	153	159
E	115	139	150	161
F	82	93	114	133
Iowa	132	133	162	178
Area				
1a	144	148	183	197
1b	133	127	158	181
2a	134	143	175	187
2b	140	149	182	186
3a	125	117	143	167
3b	113	106	126	151

Table 3. Average county index of farm operator family level-of-living
for state economic areas ... continued

State and area	1930	1940	1945	1950
Iowa continued				
Area				
4	126	128	158	175
5	140	146	175	185
6	130	135	163	181
Metropolitan				
A	126	118	151	171
B	136	134	167	190
C	128	130	164	175
D	140	153	182	181
Kansas	115	101	135	152
Area				
1	104	86	146	162
2a	118	98	140	153
2b	122	99	135	151
3a	123	121	152	163
3b	125	120	150	165
4	122	102	129	144
5	121	109	129	151
6	117	105	126	153
7a	110	98	118	140
7b	98	92	102	128
Metropolitan				
A	122	126	147	152
B	111	116	132	150
Kentucky	42	49	61	86
Area				
1	53	62	80	105
2	45	58	81	109
3a	38	35	46	69
3b	55	62	78	96
4	47	54	72	93
5	33	29	39	62
6	58	72	85	115
7	76	95	107	138
8	17	16	23	48
9	10	15	22	47
Metropolitan				
A	88	119	144	144
B	87	96	115	148
C	33	48	68	91

Table 3. Average county index of farm operator family level-of-living
for state economic areas ... continued

State and area	1930	1940	1945	1950
Louisiana	29	34	51	82
Area				
1	20	20	30	62
2	20	16	29	66
3	20	25	35	69
4	25	22	34	71
5	26	35	58	82
6	40	59	88	110
7	41	40	60	99
8	24	20	31	64
Metropolitan				
A	20	27	38	63
B	64	104	124	136
Maine	95	98	116	136
Area				
1	120	110	153	172
2	98	91	107	127
3	81	87	106	128
4	98	111	127	145
Metropolitan				
A	117	121	136	146
Maryland	77	91	120	140
Area				
1	64	68	86	104
2	96	114	138	155
3	55	70	88	106
4a	77	90	122	152
4b	66	71	119	139
Metropolitan				
A	90	116	139	147
B	86	106	134	148
Massachusetts	120	128	150	158
Area				
1	110	125	150	166
2	105	110	106	131
Metropolitan				
A	113	123	145	162
B	118	131	155	163
C	139	141	174	163
D	129	134	159	169
E	116	128	162	159

Table 3. Average county index of farm operator family level-of-living for state economic areas ... continued

State and area	1930	1940	1945	1950
Michigan	84	99	118	135
Area				
1	57	73	92	118
2	70	79	93	115
3	80	92	112	132
4a	78	84	105	126
4b	69	80	97	120
5a	85	108	128	142
5b	84	116	135	148
6a	98	127	142	154
6b	97	116	138	147
7	106	125	145	155
8	117	128	146	151
9a	108	126	146	151
9b	92	114	132	149
Metropolitan				
A	90	117	136	148
B	101	124	144	157
C	78	116	133	137
D	99	125	142	160
E	107	135	150	158
F	116	127	147	157
G	104	127	152	161
Minnesota	105	107	129	151
Area				
1	96	93	110	142
2	76	77	97	117
3	94	89	106	132
4	98	95	116	136
5	109	109	134	160
6	117	120	146	161
7	120	125	149	167
8	123	130	155	177
Metropolitan				
A	70	80	99	127
B	110	121	148	162
Mississippi	25	22	32	57
Area				
1	19	20	27	52
2	22	17	27	45
3	23	19	29	55
4	30	24	34	62
5	25	24	33	58
6a	25	20	31	59
6b	26	17	27	53

Table 3. Average county index of farm operator family level-of-living
for state economic areas ... continued

State and area	1930	1940	1945	1950
Mississippi continued				
Area				
7	30	27	44	73
8	44	54	69	84
Metropolitan				
A	23	22	33	52
Missouri	82	78	93	114
Area				
1	113	107	130	152
2a	101	91	109	134
2b	101	101	117	138
3	95	84	104	122
4	68	66	84	111
5	67	60	69	89
6	89	88	100	120
7	58	52	66	86
8	45	37	45	61
9a	45	44	56	77
9b	31	46	64	85
Metropolitan				
A	113	108	140	149
B	97	105	122	134
Montana	76	83	107	130
Area				
1a	73	82	95	115
1b	96	105	126	155
2a	74	84	115	139
2b	68	71	104	117
3a	80	87	113	138
3b	66	74	91	125
Nebraska	120	105	132	157
Area				
1	106	100	119	143
2	107	106	142	170
3a	118	98	120	149
3b	126	100	128	153
4	124	104	133	157
5	130	101	128	154
6	132	119	154	174
7	130	113	144	161
Metropolitan				
A	131	119	150	167
B	123	124	148	182

Table 3. Average county index of farm operator family level-of-living for state economic areas ... continued

State and area	1930	1940	1945	1950
Nevada	108	107	129	142
Area				
1	108	107	129	142
New Hampshire	105	115	137	151
Area				
1	99	109	130	144
2	109	119	142	156
Metropolitan				
A	121	126	153	166
New Jersey	120	138	172	172
Area				
1	107	129	161	170
2	111	124	168	176
Metropolitan				
A	89	118	139	163
B	139	156	192	178
C	121	150	179	180
D	110	129	155	162
E	95	101	136	141
F	120	138	163	174
New Mexico	-	-	-	-
Area				
1a	46	46	61	66
1b	-	-	-	-
2	54	59	69	101
3	64	80	90	120
New York	105	120	145	160
Area				
1	107	125	152	167
2	107	124	146	165
3a	98	108	132	149
3b	94	107	132	155
4	100	114	146	160
5	94	107	128	148
6	106	109	142	162
7	93	101	123	147
8	89	110	131	146
9	114	135	158	169
Metropolitan				
A	110	128	148	160
B	125	142	167	162
C	108	128	146	146
D	102	113	146	164
E	96	106	128	148
F	101	120	145	157
G	144	170	206	186

Table 3. Average county index of farm operator family level-of-living
for state economic areas ... continued

State and area	1930	1940	1945	1950
North Carolina	37	45	60	80
Area				
1	22	25	34	59
2	34	41	53	74
3	43	53	71	87
4a	52	58	77	91
4b	60	68	87	96
5	43	56	68	83
6	36	45	60	82
7	36	42	56	79
8	36	56	72	94
9	34	40	58	75
10	37	41	54	83
11	31	37	53	74
Metropolitan				
A	44	51	64	80
B	64	78	100	110
C	65	81	97	111
D	58	75	91	103
E	44	63	78	106
North Dakota	94	84	111	132
Area				
1	87	81	111	124
2a	88	77	105	129
2b	88	77	97	109
3a	97	85	114	136
3b	97	84	109	136
3c	100	88	108	141
4	108	104	136	158
Ohio	102	113	134	148
Area				
1	118	128	153	162
2	114	130	156	161
3	112	131	154	165
4a	119	133	156	160
4b	108	116	137	143
5	102	113	134	147
6a	98	113	138	153
6b	85	92	110	132
7	84	90	110	133
8a	70	68	77	112
8b	84	80	93	124

Table 3. Average county index of farm operator family level-of-living
for state economic areas ... continued

State and area	1930	1940	1945	1950
Ohio continued				
Metropolitan				
A	109	129	145	155
B	124	138	159	166
C	118	134	155	164
D	129	138	159	169
E	127	138	160	169
F	109	125	149	153
G	107	120	142	157
H	103	121	140	148
J	72	84	106	121
K	126	134	159	159
L	63	56	68	100
Oklahoma	61	62	79	105
Area				
1	93	90	115	142
2	93	108	132	148
3	57	59	75	99
4	78	80	102	131
5	63	63	75	102
6	39	36	50	78
7a	48	45	58	94
7b	30	28	39	79
8a	29	31	42	58
8b	28	27	34	59
9	25	19	24	57
Metropolitan				
A	69	80	120	120
B	77	86	105	122
Oregon	105	112	137	150
Area				
1a	87	94	118	129
1b	97	102	120	132
2a	121	129	161	157
2b	106	112	138	150
3	124	129	174	187
4	102	111	128	149
Metropolitan				
A	108	122	138	145

Table 3. Average county index of farm operator family level-of-living for state economic areas ... continued

State and area	1930	1940	1945	1950
Pennsylvania	88	102	122	140
Area				
1a	89	106	126	136
1b	88	94	116	131
2	92	106	133	147
3	76	91	108	136
4a	82	91	108	127
4b	79	88	96	126
5	82	87	106	130
6	84	100	119	139
7	98	109	135	149
Metropolitan				
A	98	109	135	145
B	92	109	128	146
C	90	110	137	144
D	89	110	130	142
E	88	92	112	122
F	92	101	127	139
G	88	101	122	138
H	91	104	127	143
J	88	99	123	128
K	105	127	143	154
L	89	112	137	149
M	90	117	142	158
N	118	142	166	171
Rhode Island	114	138	160	166
Area				
1	114	142	162	165
Metropolitan				
A	114	135	159	167
South Carolina	30	41	55	76
Area				
1	29	44	61	80
2	38	58	78	93
3	33	44	56	79
4	32	42	53	78
5	36	47	62	84
6	28	40	51	70
7	26	39	56	80
8	20	23	36	54
Metropolitan				
A	34	48	70	88
B	35	50	64	83
C	29	37	48	73

Table 3. Average county index of farm operator family level-of-living for state economic areas ... continued

State and area	1930	1940	1945	1950
South Dakota	98	88	108	139
Area				
1	70	72	85	118
2a	100	86	112	140
2b	107	85	110	144
3a	106	93	112	139
3b	124	98	120	151
4a	104	92	113	151
4b	130	114	145	169
Tennessee	35	36	50	78
Area				
1	34	38	52	80
2	41	34	44	82
3	30	23	35	64
4	39	48	64	95
5	51	57	75	104
6	33	28	39	68
7	21	22	33	55
8a	33	34	48	79
8b	32	32	50	73
Metropolitan				
A	36	52	59	77
B	69	90	114	127
C	39	56	78	98
D	43	53	74	96
Texas	68	76	98	127
Area				
1a	76	100	110	167
1b	135	144	162	174
2	93	102	122	139
3	52	56	71	99
4	98	103	161	174
5	64	84	105	147
6a	69	78	99	137
6b	77	75	91	126
7a	70	66	85	106
7b	67	79	102	121
7c	89	89	108	129
8	58	69	84	112
9	35	37	51	82
10	59	64	82	112
11	64	75	95	131
12	33	33	47	73
13	29	27	43	70
14	50	63	88	118
15	63	71	91	153

Table 3. Average county index of farm operator family level-of-living
for state economic areas ... continued

State and area	1930	1940	1945	1950
Texas continued				
Metropolitan				
A	95	143	171	216
B	77	105	121	149
C	70	100	121	134
D	62	81	98	135
E	67	85	107	132
F	69	92	108	138
G	61	88	118	128
H	76	110	131	145
Utah	87	90	106	133
Area				
1	108	109	132	155
2	117	118	143	154
3	68	73	84	116
Metropolitan				
A	115	119	147	149
Vermont	101	107	126	150
Area				
1	107	111	134	156
2	98	105	122	148
Virginia	51	58	73	99
Area				
1	25	30	40	70
2	44	46	54	83
3	70	72	83	107
4	85	90	109	126
5	61	67	83	114
6	37	44	57	84
7	35	38	50	79
8	47	54	69	94
9	53	75	93	116
10	44	49	66	96
11	74	77	113	136
Metropolitan				
A	74	97	115	127
B	83	108	135	138
C	67	88	109	134
D	64	89	110	135
Washington	107	113	147	154
Area				
1	89	97	116	134
2	115	120	147	152
3	99	109	131	139

Table 3. Average county index of farm operator family level-of-living
for state economic areas ... continued

State and area	1930	1940	1945	1950
Washington (continued)				
Area				
4	86	102	123	132
5a	120	118	168	158
5b	67	68	94	110
6	114	116	153	151
7a	122	129	188	204
7b	135	143	189	181
Metropolitan				
A	119	121	140	153
B	104	113	136	142
C	106	115	127	136
D	101	110	137	152
West Virginia				
Area				
1	65	64	74	86
2a	43	38	46	72
2b	50	41	49	68
3	68	73	83	103
4	22	35	44	65
5	61	55	66	91
6	80	84	104	125
Metropolitan				
A	88	100	115	145
B	26	32	48	71
C	40	52	70	89
Wisconsin				
Area				
1	71	68	88	120
2a	117	114	140	158
2b	117	116	138	154
3	129	130	162	172
4	93	91	116	139
5	98	90	110	137
6	98	103	127	144
7	122	132	155	167
8	129	137	161	171
9	133	148	170	167
Metropolitan				
A	60	75	104	119
B	134	140	168	184
C	128	144	157	170
Wyoming				
Area				
1	90	111	138	148
2a	87	98	123	135
2b	78	94	113	138

APPENDIX

Brief History of County Indexes of Rural Level of Living

The Bureau of Agricultural Economics first published county indexes of rural level of living in October 1943.^{2/} Before this report, the only rural indexes which had been developed for all counties of the United States were those constructed by Charles E. Lively in connection with research projects of the Works Progress Administration.^{3/}

A precursor of the rural county level-of-living indexes was an index of plane of living for the total population of each county constructed by Marion Hayes for the Study of Population Redistribution.^{4/} Other early workers in this field who constructed indexes for counties of specified States or regions were C. E. Lively and Morris M. Blair.^{5/}

The works cited contained indexes which combined several measures relating to level of living into one combined index. Several earlier studies used maps by counties of some single item reflecting some part of rural level of living.^{6/}

The county indexes of rural level of living issued by the Bureau of Agricultural Economics in 1943 were based on data from the 1940 Censuses of Population, Housing, and Agriculture. Separate indexes were developed and published for rural-farm and rural-nonfarm families of each

^{2/} Hagood, Margaret Jarman, Rural Level of Living Indexes for Counties of the United States, 1940. Bur. Agr. Econ., Washington, D. C., October 1943.

^{3/} Lively, C. E., and Taeuber, Conrad, Rural Migration in the United States, U.S. Works Progress Admin., Div. Research, Research Monogr., Washington, D. C., 1939.

Mangus, A. R., Rural Regions of the United States, U.S. Work Projects Admin., Div. Research, Washington, D. C., 1940.

^{4/} Goodrich, Carter, Allin, Bushrod W., and Hayes, Marion, Migration and Planes of Living, Philadelphia: Univ. Pa. Press, 1935.

^{5/} Lively, C. E., and Almac, R. B., A Method of Determining Rural Social Sub-Areas with Application to Ohio, Ohio State Univ., Dept. Rural Econ., Bul. 106, Columbus, Ohio, 1938; Blair, Morris M., Indices of Level of Living for the Thirteen Southern States By Counties, 1930. Bul. Okla. Agr. & Mech. Col., Vol 36, No. 10, July 1939 (Publication of the Social Science Research Council)

^{6/} For example, Taylor, Carl C.; Wheeler, Helen W., and Kirkpatrick, E. L., Disadvantaged Classes in American Agriculture. U. S. Farm Security Admin. and Bur. Agr. Econ., Social Research Report, Washington, D. C., April 1938.

county. Also, a composite rural index was published that was a weighted average of the rural-farm and rural-nonfarm index for each county. Several articles were published on the technical aspects of the 1940 indexes.^{7/}

After data were available from the 1945 Census of Agriculture, new county indexes were constructed. These related to the level of living of farm-operator families only, whereas the rural-farm indexes previously issued for 1940 had related to all families living on farms, including farm-laborer and other families, as well as farm-operator families. In order to have similar indexes for comparing 1940 and 1945 level of living of farm-operator families, new indexes were constructed at this time for 1940 based on data from the Census of Agriculture alone. The farm-operator family level-of-living indexes for counties of the United States 1940-45 were issued in May 1947.^{8/}

After the 1940 and 1945 farm-operator indexes were issued, similar indexes were computed for all counties from data of the 1930 Census of Agriculture. These county indexes are presented for the first time in this report, although certain summary tables based on the 1930 indexes were included in the report for the Hope Committee.^{9/}

As the county data on items related to farm-operator levels of living from the 1950 Census of Agriculture were released, by the Bureau of the Census, farm-operator indexes comparable with those for the earlier years were computed. The 1950 indexes, the previously unpublished 1930 indexes, and the previously published 1940 and 1945 indexes are all presented in this report. All of the indexes in this report relate to farm-operator families only.

^{7/} Hagood, Margaret Jarman, Development of a 1940 Rural-Farm Level of Living Index for Counties, Rural Sociol., Vol. 8, No. 2, June 1943.

_____, Rural Level of Living Indexes, Rural Sociol., Vol. 8, No. 3, Sept. 1943.

_____, and Ducoff, Louis J., What Level of Living Indexes Measure, Amer. Sociol. Rev., Vol. 9, No. 1, February 1944.

^{8/} See footnote 1, Page 1.

^{9/} United States Department of Agriculture, Long-Range Agricultural Policy. A Study of Selected Trends and Factors Relating to the Long-Range Prospect for American Agriculture for the Committee on Agriculture of the House of Representatives, 80th Congress, Second Session, Mar. 10, 1948. Washington, D. C.; United States Govt. Print. Off., 1948.

This brief history relates only to the construction of county indexes of rural level of living. It does not attempt to cover the analytical work done by this Bureau or other agencies in which the county indexes have been utilized; nor does it attempt to cover other types of studies and surveys in the general field of rural standards and levels of living. In the latter field this Bureau has had work going on since the 1920's.

Method of Constructing Indexes

What Level-of-Living Indexes Measure.^{10/} -- The concept of level of living which the indexes are intended to reflect is the average level of current consumption or utilization of goods and services. Services are broadly interpreted to include both publicly furnished and privately secured services that contribute to well-being and provide satisfaction.

Level of consumption and utilization of goods and services during a specified period of time is not identical with an income or expenditure level. Consumption expenditures may exceed or fall short of the income in the specified period, and the utility obtained from goods and services currently used is by no means strictly identifiable with current consumption expenditures. Furthermore, a given level of expenditure may represent for different families or individuals widely different quantities of goods and services owing to differences in costs of living, differences in quantities of goods and services consumed that are not purchased, and differences in budget management. Hence, a measure of level of living is not merely a substitute for a measure of income or family-living expenditures, as the concept, although closely related, is clearly differentiated. The great variation present among families and individuals in the goods and services entering into their level of living is averaged out to some extent when we deal with groups of families, to which "indexes" of level of living generally relate.

In attempting to indicate what level-of-living indexes measure, we first wish to underscore three points: (1) that an index is not a direct measure of the actual level of living, but only an indicant of it; (2) that such an indicant for a county is not of the absolute degree of attainment of some external standard, but is expressed in relation to the corresponding degree of attainment for a defined group (for example, the average of all counties); and (3) that the description of level of living here discussed relates only to the average level attained by all farm operators of the county, and not to variations in the level of living present among individual families or persons.

Difficult as is the problem of choosing items for an index of level of living when the unit is a county, it is considerably simpler than when the unit is an individual or a family. Unique deviations from common consumption patterns are not likely to affect a county average whereas they might cause individuals or families to be incorrectly rated

^{10/} This section is adapted from the article of the same name cited in footnote 7.

on a scale if it were not fairly comprehensive as to coverage. Nevertheless, the problem of choice of items for county level-of-living indexes is difficult, not so much because of uncertainty as to which items should be included, but rather because of the limitations of available data.

Within the limits prescribed by availability of data, the selection of items other than income or expenditures should be governed by the following criteria:

(1) The item should itself indicate possession or consumption of goods or services, particularly those which, in addition to their use value per se, yield to the possessor a commonly associated status value.

(2) The item should represent a larger class of associated items indicating consumption of goods and services, some of which may complement or enhance the utility of the chosen item while others may have quite different types of utility.

(3) The item should indicate possession or consumption of goods or services that are generally sought by all groups and classes of people; that is, the evaluation of these goods and services in the sense of benefits or satisfactions derived should have the maximum universality.

Insofar as the items selected meet these criteria, they provide a measure of relative levels of living along a national scale which parallels as closely as possible the dominant configuration of our varied patterns of consumption, that is, that configuration which through its universality comes closest to typifying attained and attainable patterns. In an important dynamic sense, the dominant consumption pattern is one which tends to modify and displace co-existent divergent patterns. Obviously the pattern described will fit with varying degrees of adequacy regional and social groups that depart in their present economic and social well-being and value systems from the dominant national pattern. Such departures, however, affect the adequacy of the level-of-living measure only to the extent that the regional socio-economy possesses consumption and living standards basically divergent from the dominant pattern, the divergences being of a relatively permanent nature. If the divergences represent merely a state of partial attainment of universally accepted but gradually evolving standards, the level-of-living measures appropriate to the nationally dominant pattern still have validity, as the value objectives of the social or regional groups concerned are geared to the dominant pattern. No measure of level of living can be constructed that can simultaneously provide a measure of the nationally prevalent elements of level of living and also measure the unique elements characteristic of special groups or special areas. As a consequence, an index of level of living that is to be applied nationally must, in order to attain validity, be restricted to elements in the national standard of living which have attained general acceptance. For any specific county, it will reflect a reduced, even though central, core of the larger complex of components comprising its actual, and, to some extent unique, level of living.

In constructing the first 1940 index of rural-farm level of living, considerable work was done to experiment with the effect of using varying numbers of items in the index. The results indicated that an index derived from a small number of items by the methods to be described had a very high correlation with an index similarly derived from a considerably larger number of items. Whereas in 1940, the availability of data from the Censuses of Population and Housing, as well as from the Census of Agriculture, permitted considerable leeway for choice, this was not the case in the construction of indexes for farm-operator families based on data from the Census of Agriculture only. As the number of items available from Censuses of Agriculture was small, there could not be the same type of experimentation with larger and smaller numbers. The validity of the indexes based on only four items could not be tested as in the 1940 situation. Thus, a need remains for field studies to appraise the validity of the indexes.

The four items chosen for inclusion in the farm-operator level-of-living indexes are listed on page 2 of this report.

Method of Deriving Weights for the Indexes

The next step was to choose methods for putting the items together into one composite index. To derive weights for combining the items, the methods of factor or component analysis were used. The factor-analysis methods of getting weights for an index are appropriate if the following assumptions can be made:

- (1) That each item is a partial but imperfect measure of the "level of living" to be measured;
- (2) That the most important factor the items have in common is the "level of living" to be measured;
- (3) That the characteristic (or dimension) these items in combination can best measure (or discriminate) is the "level of living" for which there is no one directly observed measure.

These assumptions were made. The next steps were:

- (1) To compute the correlation coefficients between each pair of the items chosen;
- (2) To perform a factor analysis on the group of correlation coefficients;
- (3) To transform the factor-analysis results into actual weights to use in the formula for computing county indexes.

A summary of the results of these steps is shown in table 4.11/
The actual computing formulas which were applied to each county to
obtain an index for each of the 4 years were:

$$I_{1930} = .538X_1 + .603X_2 + .617X_3 + .468X_4$$

$$I_{1940} = .538X_1 + .603X_2 + .617X_3 + .631X_4$$

$$I_{1945} = .538X_1 + .603X_2 + .617X_3 + .460X_4$$

$$I_{1950} = .538X_1 + .603X_2 + .617X_3 + .319X_4$$

The exact identification of the X_1 , X_2 , X_3 , and X_4 series is given in table 4.

Note that the formulas for the three other years are identical with that for 1945 except for the weight for X_4 , the average value of products sold. The weight used for 1945 was adjusted to allow for the different purchasing power of the farmer's dollar in the other years. For example, the index of prices farmers pay increased 37.1 percent between 1939 and 1944. To adjust to the 1944 situation, the average value of products sold in 1939 could have been increased by 37.1 percent for each county. For computing purposes, it was simpler to increase by 37.1 percent the weight for the 1939 item used in the 1940 index. Similar adjustments were made for the weights for X_4 in the 1930 and 1950 index formulas.

Scaling the Index. -- The factor-analysis method of deriving weights for combining items of diverse nature into an index first produces an index with a mean or base of zero, with about half the units having positive values and about half having negative values. This is not a conventional index scale. By the procedure described in the lower part of table 4, the weights were coded so as to scale the index to have a mean value of 100 and to have a value of zero when all of the items have a value of zero. Further technical discussion of the reasons for adopting this type of scale is presented in the article cited in Rural Sociology, June 1947. (It should be noted that the rural-farm, rural-nonfarm, and composite rural indexes for 1940 that were published in 1943 were not scaled in exactly the same way.)

Special Problems in Connection with the 1950 Indexes

Three Items on Sample Basis. -- In the 1950 Census of Agriculture, data on electricity, telephones, and automobiles were obtained on a

11/ The actual computation techniques are described step by step in Hagood, Margaret Jarman, and Price, Daniel O., Statistics for Sociologists, (Revised Edition), New York, Henry Holt & Co., In Press.

Table 4. - Stages in development of index formula from inter-correlations of four items related to farm-operator level of living, sample of 196 counties, 1945

Identification of item 1/	Identification number of item 1/			
	1	2	3	4
<u>Correlations of items with each other</u>				
1	--	.622	.715	.450
2	.622	--	.794	.489
3	.715	.794	--	.537
4	.450	.489	.537	--
<u>Correlations of items with principal component</u>				
	.836	.877	.920	.713
<u>Standard deviations of items</u>				
	26.0	24.3	24.9	26.0
<u>Correlations of items with principal components divided by standard deviations of items</u>				
	.0322	.0361	.0369	.0275
<u>Weight for each item in index formula</u> (Weights coded by multiplying preceding line times 16.71 to make the U. S. mean equal 100 and zero value on all items equal zero.)				
	.538	.603	.617	.460

1/ Identification of items:

- 1 - Percentage of farms with electricity in farm dwelling, 1945.
- 2 - Percentage of farms with telephone in farm dwelling, 1945.
- 3 - Percentage of farms with automobiles, 1945..
- 4 - Mean value of products sold or traded per farm reporting, 1944
(in hundreds of dollars).

sample basis.^{12/} Questions of these and certain other items were asked for very large farms and for a 20-percent sample of the remaining farms. A formula was developed to provide an approximate value of the sampling error of the farm-operator level-of-living index arising from the fact that three of the four items in the index were based on a sample. On the basis of the sampling error computed from this formula, 800 farms were set as the lower limit below which, with very few exceptions, indexes of level of living would not be shown. Each county with fewer than 800 farms was combined with one or more adjacent counties in such a way that the combination would have at least 800 farms. The criteria for deciding which adjacent county should be used were: (1) that the counties have level-of-living indexes as similar as possible; (2) that the counties be in the same economic area; (3) that the type of farming of the counties be as similar as possible. In applying the third criterion, the judgment of regional specialists in the Bureau of Agricultural Economics was followed.

In the case of 14 counties, 6 single counties, and 4 combinations of 2 counties each, it was impossible to make a combination with 800 farms without violating one or more of these criteria. For these counties, indexes are shown that are based on the sample from fewer than 800 farms. The counties in which exceptions were made are as follows:

<u>County and State</u>		<u>1950 Number of farms</u>
Chatham	Georgia	443
Richmond	Georgia	704
Chattahoochee)		
Muscogee)	Georgia	435
Boyd	Kentucky	686
Jefferson)		
St. Bernard)	Louisiana	424
Barnstable)		
Dukes)	Massachusetts	704
Lincoln	New Mexico	405
Catron	New Mexico	350
El Paso	Texas	769
Garfield)		
Wayne)	Utah	656

The indexes for the counties and county combinations listed above are subject to a greater sampling error than the other indexes shown in table 2.

In the entire United States, there were 766 counties that were combined, including both counties with fewer than 800 farms and the

^{12/} See Hurley, Ray, and Smith, Richard K., New approaches and Methods for the 1950 Census of Agriculture, U.S. Bur. Agr. Econ., Agr. Econ. Research, V. 3, No. 4, October 1951, Washington, D. C.

counties with which they were combined. These counties resulted in 303 combinations of counties. Indexes for these combinations are shown for all 4 years in table 2 after the listing of individual counties for each State.

State Economic Areas. -- The Bureau of the Census, in consultation with the Bureau of Agricultural Economics, developed areas, for use in the 1950 census and for other statistical purposes, that are intermediate in size between counties and States.^{13/} Certain data from the 1950 Censuses of Agriculture and Population are to be published for economic areas that will not be available for counties. It is, therefore, expected that many analyses of 1950 census data will utilize economic areas. To facilitate the use of the farm-operator level-of-living indexes in such analyses, an average level-of-living index was computed for each of the economic areas for each of the 4 years. Table 3 in this report presents these farm-operator level-of-living indexes for 497 State economic areas, ¹⁴⁸_{14/} of these being metropolitan areas and 349 being nonmetropolitan areas.

Averages for States and Economic Areas. -- In the 1943 and 1947 reports containing the county level-of-living indexes, indexes for States, major geographic divisions, and the United States were published. These indexes were, in each case, a simple arithmetic average of the indexes of the counties included in the area. In most cases, they differ only slightly from index values that could have been derived by evaluating the formulas for the State, division, or the United States as a whole. For the United States as a whole, the greatest difference between the average computed as the arithmetic mean of the county indexes and the average computed by evaluating the formula for the United States was four index points.

With a minor exception to be noted, the averages shown in this report are simply arithmetic means of the counties included in each economic area, State, or division. The minor exception arose owing to the problem of combining the small counties. In computing the averages for economic areas, States, and divisions, averages of counties and the county combinations were used, with each separate county given a weight of one and each county combination given a weight equal to the number of counties included in the combination. This has only a very slight effect on averages for States or larger areas. However, as this method of getting averages was believed to be the best method for 1950, averages for States, divisions, and the United States for years before 1950 were

^{13/} United States Bureau of the Census and Bureau of Agr. Economics, State Economic Areas in the United States, Census-BAE, No. 15, August 3, 1950.

^{14/} For more information on the delineation of the State Economic Areas and for data on the number of agricultural and nonagricultural characteristics for the areas, see Bogue, Donald J., State Economic Areas, Washington, D. C., U. S. Govt. Print. Off., 1951.

recomputed by this method. These recomputed averages are shown in this report. For the United States, the slight modification in method of computing the average necessitated a revision for the 1940 index from a previously published value of 80 to a value of 79. In the case of State averages, the value was changed by one index point in 10 cases, by two index points in 2 cases, and by three index points in 1 case.

Problems of Indians on Reservations. -- The treatment of Indians on reservations has not been uniform in the several Censuses of Agriculture from which the data were taken. In some censuses, an entire reservation was reported as one farm, and in other censuses an attempt was made to obtain a separate schedule for each Indian family operating a farm on the reservation. In consultation with the Chief of the Agriculture Division of the Bureau of the Census, indexes for certain counties in Arizona, New Mexico, and Utah were not computed for certain years. These counties are designated by footnote 1 in table 2.

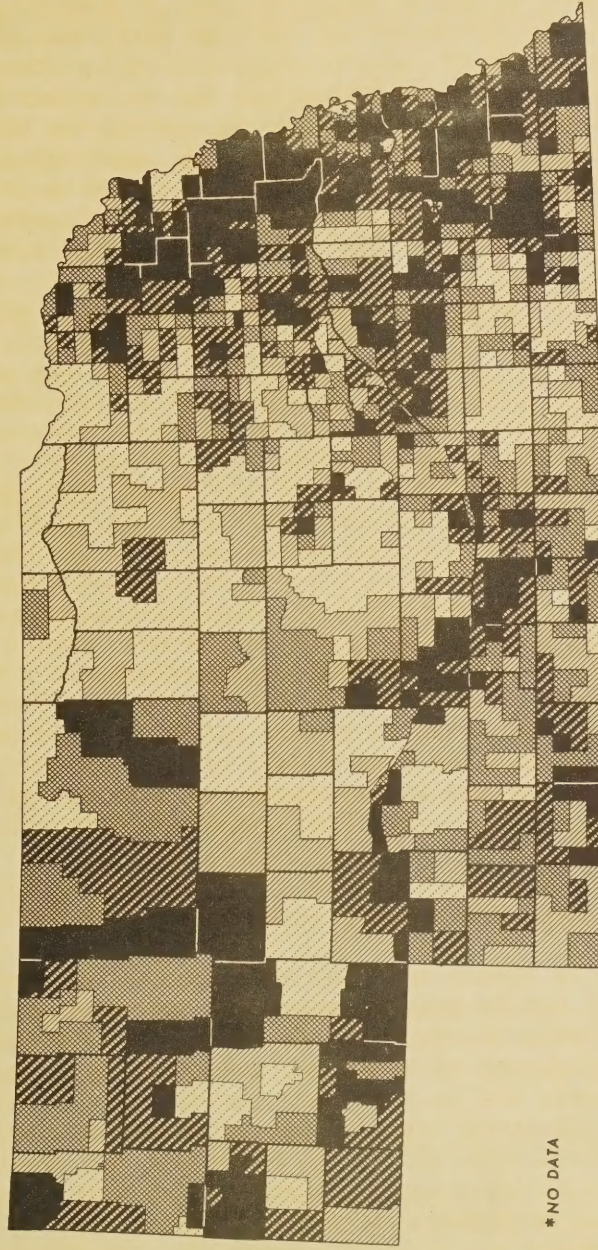
Comparability of Indexes for Different Years. -- In general, the questions from which the data for the level-of-living indexes are obtained were the same or approximately the same in the 1930, 1940, 1945, and 1950 Censuses of Agriculture. Therefore, the items included in indexes for the different years are identical or practically identical, with two exceptions that are believed to be of minor importance. In 1930, the number of farms reporting sales of farm products was not published. Therefore, for 1930 the fourth item included in the index formula is the average value of sales computed with all farms in the county as the denominator. For other years, the fourth item in the index formula is the average value of sales computed on the basis of farms reporting sales. The second minor noncomparability is with regard to the item of electricity. In 1930, 1940, and 1945, the data related to the number of farms with electricity in the farm dwellings. In 1950, the data related to the number of farms with electricity. Whereas in 1950, there may have been a very small number of farms that had electricity in the barn or elsewhere but not in the farm dwelling, the number is believed to be negligible.

Minor Civil Division Indexes For 1945

In processing the returns from the 1945 Census of Agriculture, summary sheets were made for townships of many of the items published for counties. Photostatic copies of these sheets were made. A complete set of these photostats was deposited in the United States Department of Agriculture Library and a set of the photostats for each State was deposited in the State Agricultural Statistician's Office. These sheets contain for townships all of the data needed for evaluating the level-of-living index formula, except the item on value of products sold. In connection with research projects going on in nine States, farm-operator level-of-living indexes for minor civil divisions were needed. The Bureau of the Census supplied the Bureau of Agricultural Economics with unpublished data on the value of products by minor civil divisions to be used in computing minor-civil-division indexes from the formula developed for counties.

Indexes for minor civil divisions showed considerable variations in average level of living within counties. This was noticeable in counties that had considerable land under irrigation in parts of the county and no irrigation at all in other parts. Map 3 presents the minor civil divisions of Nebraska by quintiles when ranked according to farm-operator level-of-living indexes. The black area in the eastern part of the State reflects the high levels of living of farmers in the western end of the Corn Belt. The tier of black townships across the south central part of the State follows the Platte River, which is a source of water for irrigation. Almost all the minor civil divisions in Scotts Bluff County on the western border are in the highest quintile. This county is known for its intensive specialized agriculture, irrigated from the North Platte River. The small black area on the southern border in Hitchcock County reflects irrigated farming along the Republican River. The black area on the southern border of the panhandle is largely extensive dry-land wheat farming. The scattered black areas in the northwestern and north central parts of the State are in the ranching country. It is possible that the location of headquarters of large ranches in certain townships and the absence of headquarters in others may have produced some of the variation in the township level-of-living indexes in this part of the State. The concentration of townships in the lowest quintile along the northern border and extending toward the north central area approximate a delineation of the part of the State that suffered most heavily from the droughts and dust storms of the 1930's. In general, the map suggests that the few items used in the index nevertheless provide a measure of level of living which is a fairly sensitive indicator of the differences within counties.

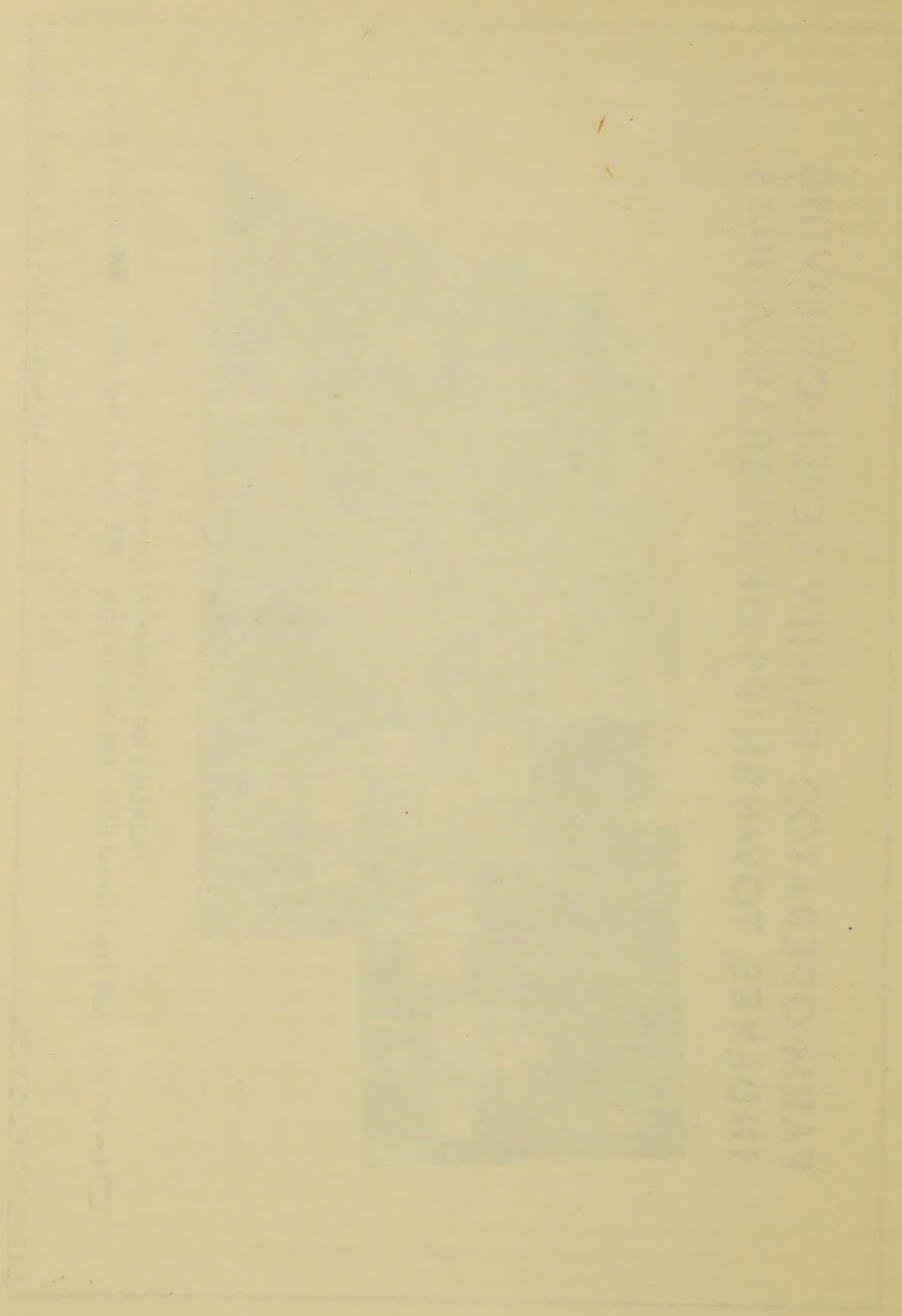
FARM-OPERATOR FAMILY LEVEL-OF-LIVING INDEXES, TOWNSHIPS OF NEBRASKA, 1945



* NO DATA

RANKING OF TOWNSHIPS ON INDEX

Lowest fifth
 Next lowest fifth
 Middle fifth
 Next to high fifth
 Highest fifth



41 2



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